VIDEO SECURITY 2017

SECURITY SOLUTIONS BY GRUNDIG

FOR A GOOD REASON
GRUNDIG

WWW.GRUNDIG-SECURITY.COM

FOR A GOOD REASON

GRUNDIG

CONTENT

MODERN VIDEO SECURITY SOLUTIONS

Grundig Security, based in Erkrath near Düsseldorf, Germany, is an international company with advanced video security solutions for the video surveillance market.
Innovative technologies, excellent design, high quality products and ease of use are just a few of the reasons for the increasing popularity of our products.

FOR A GOOD REASON
GRUNDIG

A SUCCESS STORY OF INNOVATIONS. REWRITTEN EVERY DAY.

More than 70 years and we're just getting started!

The original Grundig company was founded in 1945 and achieved world fame with its radios and televisions. Grundig is one of the world's leading providers of products in the areas of entertainment electronics, small electrical appliances and major home appliances. By expanding its product portfolio to the white goods sector, the brand became Europe's only full-range home electronics brand in 2013.

The Grundig brand has an outstanding reputation within the professional and consumer electronics markets. High-quality, exceptional functionality and simple operation are central to every Grundig product.

Innovative technologies, excellent design, high quality and ease of use are just a few reasons, why Grundig products are increasingly gaining in popularity. The product range of Grundig Security includes video cameras, recorders (NVRs, DVRs), monitors, software, transmitters, covering all the latest technologies.

Grundig Security products offer intuitive installation, set-up and operation.
They are user-friendly and practical, with many installation benefits. These include vandal and weather-resistance, numerous mounting methods and extensive integration and compatibility.
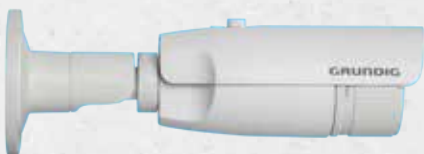
IP CAMERA TECHNOLOGY

IP technology greatly increases the effectiveness of video surveillance systems. Grundig has embraced this new technology and incorporated it into an extensive CCTV IP surveillance camera range.

Each Grundig IP camera has impressive functionality, meeting every current surveillance requirement.

Grundig network cameras offer outstanding image quality, even when rapid scene movement occurs. They offer a choice from 12 Mega pixel to 2 Mega pixel. 8MP (4K), 3MP and 2MP pixel camera version you get with realtime frame rate (30fps).

SYSTEM SECURITY AND SAFETY

Grundig network cameras contain built-in security features for comprehensive data and network protection. System security features include an IP Filter for authorized user access to the camera's data; image transmission protection options; and the ability to create certified access levels to specific cameras and data within a system.

Each camera contains a Micro SD memory card, with no external access. Should a network failure occur, the video images can be safely recorded within the camera.
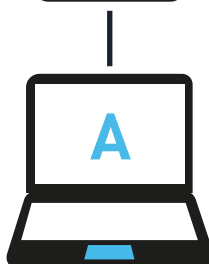
- IP filter
- HTTPS
- User/ Password
- Radius filter
- IEEE802.1x
- ICMP
- QoS

EASE OF INSTALLATION

QUICK AND EASY SET UP FOR A QUICK START

Grundig network CCTV cameras are designed for quick and simple installation. The IP cameras allow simple integration into most existing surveillance systems.
Their network connections also enable remote software upgrades as new developments and enhancements occur.

Grundig IP cameras are compatible with the internationally recognised Open Network Video Interface Forum (ONVIF) standard.
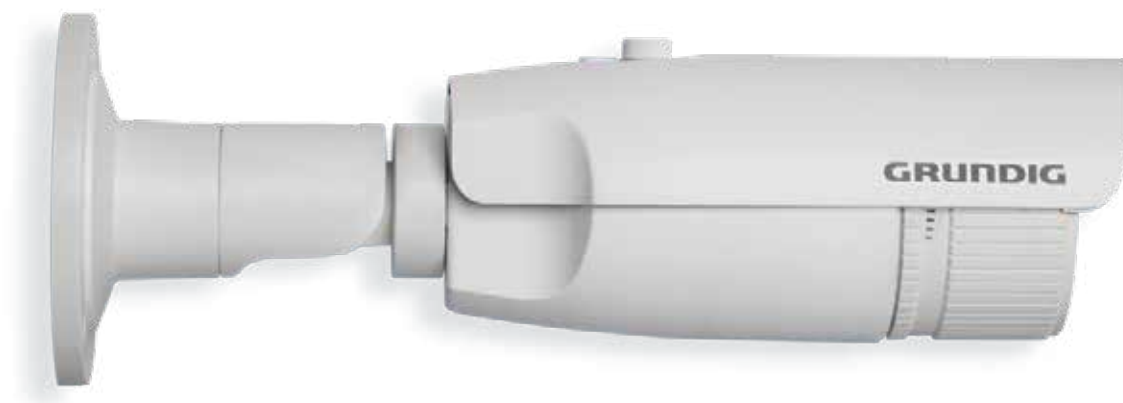
SET UP AND CONFIGURATION

EFFICIENT AND TIME SAVING CONFIGURATION PROCESS

Grundig set up software allows the user to adjust and monitor all the cameras' network settings, from a single menu page, eliminating the need for time-consuming and complicated configuration.

Each individual camera's configuration profile can be copied to other cameras in the same system, making large systems fast and efficient to set up.
Time, date and camera ID can be transmitted as part of the image data file for display in playback mode - essential for evidential purposes in some applications.

MOBILE PHONE ACCESS WITH DYNDNS SERVER

A DynDNS server allows designated system users to access, view, monitor and control Grundig IP cameras from anywhere in the world, at any time. The images can be viewed via a web-enabled, standard mobile phone or Smartphone. Users are immediately alerted to any alarms, enabling them to react quickly, wherever they are.

OVERVIEW IP CAMERAS

BOX CAMERAS

MODEL	PICTURE	MAXIMUM RESOLUTION	LENS DRIVE TYPE / FOCAL LENGTH	WDR / IR LED	OPERATING TEMP.	SUPPLY VOLTAGE	PAGE
GCI-K1503B		2MP/30fps	DC Auto Iris, Manual Iris	72 dB dWDR	-10°C ~ +50°C	12 VDC / 24 VAC, PoE 4W	16
GCI-K1505B		2MP/60fps	DC Auto Iris, Manual Iris	120dB	-10°C ~ +50°C	12 VDC / 24 VAC, PoE 9W	17
GCI-K2505B		2MP/60fps	DC Auto Iris, Manual Iris	120dB	-10°C ~ +60°C	12 VDC / 24 VAC, PoE 4W	18
GCI-K3505B		2MP/60fps	DC Auto Iris, Manual Iris	120dB	-20°C ~ +60°C	12 VDC / 24 VAC, PoE 9.5W	19
GCI-K2555Z		2MP/60fps	DC Auto Iris, AutoFocus Zoom modul	120dB	-20°C ~ +55°C	12 VDC / 24 VAC, PoE 9W	20
GCI-F1505B		3MP/30fps	P-Iris	120dB	-20°C ~ +60°C	12 VDC / 24 VAC, PoE 4W	21
GCI-N0503B		8 MP/30fps	DC Auto Iris, Manual Iris	72dB dWDR	-10°C ~ +50°C	12 VDC / 24 VAC, PoE 4W	22

INDOOR FIXED DOMES

MODEL	PICTURE	MAXIMUM RESOLUTION	LENS DRIVE TYPE / FOCAL LENGTH	WDR / IR LED	OPERATING TEMP.	SUPPLY VOLTAGE	PAGE
GCI-K1627D		2 MP/60fps	2.8 ~ 12 mm	120dB	-10°C ~ +50°C	12 VDC / 24 VAC, PoE 11 W	23
GCI-K1677D		2 MP/60fps	3 ~ 9 mm AutoFocusZoom	120dB	-10°C ~ +50°C	12 VDC / 24 VAC, PoE 12 W	24
GCI-F4678D		3 MP/45fps	2.8 ~ 12 mm motorised	120dB	-30°C ~ +60°C	12 VDC, PoE 9W	25
GCI-M0566F		6 MP/30fps	1.05 mm	72dB	-10°C ~ +50°C	12 VDC / 24 VAC, PoE 8W	26

MOTORIZED DOMES

MODEL	PICTURE	MAXIMUM RESOLUTION	LENS DRIVE TYPE / FOCAL LENGTH	WDR / IR LED	OPERATING TEMP.	SUPPLY VOLTAGE	PAGE
GCI-K2795P-1		2 MP/30fps	4.4 ~ 132 mm (x30)	Yes/-	-40°C ~ +50°C	24 VAC / hPoE (60W)	45
GCI-F4745P		3 MP/60fps	4.5 ~ 162 mm (x36)	Yes/-	-40°C ~ +65°C	24 VAC / hPoE (60W)	46
GCI-F4747P		3 MP/60fps	4.5 ~ 162 mm (x36)	Yes, up to 200 m	-40°C ~ +60°C	24 VAC / hPoE (60W)	47

OUTDOOR FIXED DOMES

MODEL	PICTURE	MAXIMUM RESOLUTION	LENS FOCAL LENGTH	MAXIMUM IR DISTANCE	WDR	OPERATING TEMPERATURE	PAGE
GCI-K1527V-1		2 MP/60fps	2.8 ~ 12 mm	45 m	120dB	-25°C ~ +55°C	27
GCI-K1587V-1		2 MP/60fps	3 ~ 9 mm Auto Focus Zoom	45 m	120dB	-25°C ~ +55°C	28
GCI-F4687V		3 MP/45fps	2.8 ~ 12 mm motorised	40 m	120dB	-30°C ~ +60°C	29
GCI-F1576VH-1		3 MP/30fps	3 ~ 9 mm Auto Focus Zoom	50 m	120dB	-40°C ~ +55°C	30
GCI-L4617W		4 MP/20fps	2.8 mm	10 m	120dB	-30°C ~ +60°C	31
GCI-L4627V		4 MP/20fps	2.8 ~ 12 mm	30m	120dB	-30°C ~ +60°C	32
GCI-L4687V		4 MP/20fps	2.8~12 mm motorised	30m	120dB	-30°C ~ +60°C	33
GCI-M1566F		6 M/30fps	1.55 mm	7 m	72dB dWDR	-10°C ~ +55°C	34
GCI-N0586V		8 MP/30fps	3.5 ~ 8 mm motorised	40 m	72dB dWDR	-25°C ~ +55°C	35
GCI-R1667F		12MP/20fps	1.65 mm	5 m	72dB dWDR	-10°C ~ +50°C	36

BULLET CAMERAS

| MODEL	PICTURE	MAXIMUM RESOLUTION	LENS FOCAL LENGTH	MAXIMUM IR DISTANCE	WDR	OPERATING TEMPERATURE	PAGE
GCI-K1577TH		2 MP/60fps	3.3 ~ 8 mm motorised	30m	120dB	-40°C ~ +50°C	37
GCI-F0576TH-1		3 MP/30fps	3 ~ 9 mm AutoFocusZoom	40 m	120dB	-40°C ~ +55°C	38
GCI-F0587TH		3 MP/30fps	9 ~ 22 mm motorised	50 m	120dB	-40°C ~ +55°C	39
GCI-F4687T		3 MP/45fps	2.8 ~ 12 mm motorised	50 m	120dB	-30°C ~ +60°C	40
GCI-L4617T		4 MP/20fps	4 mm	30m	120dB	-30°C ~ +60°C	41
GCI-L4627T		4 MP/20fps	2.8 ~ 12 mm	30 m	120dB	-30°C ~ +60°C	42
GCI-L4687T		4 MP/20fps	2.8~12 mm motorised	30 m	120dB	-30°C ~ +60°C	43
GCI-N0586T		8 MP/30fps	3.5~8 mm motorised	50 m	72dB dWDR	-25°C ~ +55°C	44

2 Megapixel Full HD Box IP-Camera ICR

- 2 Megapixel IP Camera with Full HD 1080P real time video
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- H.264 & MJPEG compression modes (max. 30/25 fps)
- SDHC memory card slot for alarm and schedule image recording
- Power Input AC24V/DC12V and PoE

DIMENSIONS (mm)

53
76
126
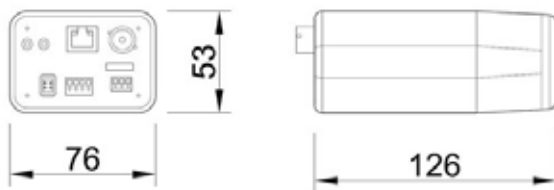
ACCESSORIES

GBR-WA03

Image Sensor:	1/2.7" Progressive scan CMOS 2 Megapixel
Pixels - Total:	1920(H) x 1080(V)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Sensitivity Colour:	0.5 Lux@F1.2 (IRE50), 0.2 Lux@F1.2 (IRE30)
Sensitivity B/W:	0.1 Lux@F1.2 (IRE50), 0.02 Lux@ F1.2 (IRE30)
Lens Mount:	C/CS mount with adaptor
Lens Drive Type:	Manual / DC auto iris
Shutter Speed:	1 ~ 1/10.000 sec
WDR:	Off/Low/Middle/High
BLC Back Light:	On/Off
Digital Noise Reduction:	On/off 2D/3D Noise Filter
Motion Detection:	On/ Off/ Sensitivity/ Area setting
Tampering Alarm:	On/Off
Privacy zones:	5 zones, rectangle
White Balance:	ATW, AWB, Manual, One Push
Digital Zoom:	Yes
Alarm Input/Output:	1/1
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari
Number of Clients:	Up to 20 simultaneously
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
Video Resolution:	1920x1080 (30/25fps), 1280x1024 (30/25fps), 1280x720 (30/25fps), 1024x768 (30/25fps),etc.
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Network Protocol:	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, SMTP, ICMP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF, FTP
Audio Input/Output:	Line In/Line Out (two way Audio)
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Recording Types::	on Micro SD/SDHC CARD: Single Image Recording (JPEG), Video(AVI, LCK) on NAS: Video (AVI)
Alarm Event:	Alarm Input, Motion Detection or Schedule: Image transfer or alarm message by FTP, Image transfer or alarm message by E-mail, recording on SD-card and enable alarm output
Audio Compression:	G.726, G.711
Audio Communication:	Bi-directional
LED Indicator:	Power, link, active
Video Outputs:	1Vpp, BNC
Input/Output sockets:	Video Out(BNC), Power(3-Pin Term), RJ-45, Micro SD Card Slot, Terminal 7-Pin (Alarm In 2-Pin, Alarm Out 2-Pin, RS485 2-Pin), Audio (2 mini Jack 3.5mm), Auto-Iris (4Pin)
Interfaces:	RS-485
PTZ Control:	Pan/Tilt/Zoom/Focus/Preset/Sequence, Pelco D/P
Firmware Upgrade:	Firmware upgrade by Web Browser
Configuration:	Upload & Download configuration on remote PC
Operating Temperature:	-10°C ~ +50°C
Humidity:	10 ~ 90% no condensation
Regulation:	CE, RoHS Compliant
Supply Voltage:	12 VDC / 24 VAC, PoE (IEEE 802.3af)
Dimensions (W x H x D):	76 x 53 x 126 mm - 2.99 x 2.09 x 4.96 In:
Power Consumption (W):	4
Weight:	0.36 kg - 0.79 lbs

GCI-K1505B

2 MP Full HD Box-IP-Kamera ICR WDR Ultra Low light

- 2 Megapixel IP Camera with Full HD 1080P real time video
- Ultra low light camera
- EXMOR™ sensor for low light sensitivity, XARINA™ DSP for advanced features
- Automatic Back-Focus adjustment: simplifies the lens setup
- WDR (Wide Dynamic Range) for extreme backlight situations
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- ONVIF Profile S compliant for maximum compatibility with VMS
- SDHC memory card slot for alarm and schedule image recording

DIMENSIONS (mm)

ACCESSORIES

GBR-WA03

Image Sensor:	1/1.9" ExmorRS™ Sensor
Pixels - Total:	1920(H) x 1080(V)
Digital Signal Processor (DSP):	Sony Xarina Solution
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Sensitivity Colour:	0.01 Lux@F1.5(IRE30), 0.05 Lux@F1.5(IRE50)
Sensitivity B/W:	0.0005 Lux@F1.5 (IRE30), 0.005 Lux@ F1.5 (IRE50)
Lens Mount:	C/CS mount with adaptor
Lens Drive Type:	Manual / DC auto iris
BLC Back Light:	On/Off
WDR:	120dB
Focus Adjustment:	Auto back focus
Digital Zoom:	Off/2 ~ 16x
Shutter Speed:	1 ~ 1/10.000 sec
AGC:	Off, 3~72dB
White Balance:	AWB, Auto no boundery,ATW, Indoor, Outdoor, Manual
Digital Noise Reduction:	3DNR: Off, Low, Middle, High, 2DNR: On/Off
Digital Image Stabilization (DIS):	Off/On
Alarm Input/Output:	1/1
Alarm Trigger:	Alarm Input, Motion Detection, Network Failure detection, Tampering Alarm, Time lapse, Manual Trigger, Face detection, Audio detection
Schedule:	Single Day or Week, Time (Start, Duration), DAY or NIGHT Mode
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record to Micro SD Card
Camera ID:	15 character, 1 lines
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Privacy zones:	5 zones, rectangle
Motion Detection:	On/ Off/ Sensitivity/ Area setting
Tampering Alarm:	On/Off
OSD:	Yes, multi language
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Recording Types::	on micro SD/SDHC CARD:Single Image Recording (JPEG)Video(AVI)on NAS: Video(AVI)
LED Indicator:	Power, link, active
Input/Output sockets:	Video Out(BNC), Power(3-Pin Term), RJ-45, Micro SD Card Slot, Terminal 7-Pin (Alarm In 2-Pin, Alarm Out 2-Pin, RS485 2-Pin), Audio (2 mini Jack 3.5mm), Auto-Iris (4Pin)
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Video Outputs:	1Vpp, BNC
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	Full HD 1080p/ SXGA/ HD 720p/ XGA/SVGA/ D1/ VGA/ CIF/ QCIF
Frame Rate (Max@Resolution):	50/60fps@2MP, 25/30fps@2MP, 50/60fps@1,3MP, 25/30fps@1,3MP, etc.
Network Protocol:	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, SMTP, ICMP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF, ARP
Audio Input/Output:	Line In/Line Out (two way Audio)
Audio Compression:	G.711, G.726
Audio Communication:	Bi-directional
ONVIF compliant:	Profile S
Interfaces:	RS-485
PTZ Control:	Pan/Tilt/Zoom/Focus/Preset/Sequence, Pelco D/P
Firmware Upgrade:	Firmware upgrade by Web Browser
Configuration:	Upload & Download configuration on remote PC
Regulation:	CE, RoHS Compliant
Humidity:	10 ~ 90% no condensation
Operating Temperature:	-10°C ~ +50°C
Supply Voltage:	12 VDC / 24 VAC, PoE (IEEE 802.3af)
Dimensions (W x H x D):	76 x 52 x 152 mm - 2.99 x 2.05 x 5.98 In:
Power Consumption (W):	9
Weight:	0.36 kg - 0.79 lbs

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GCI-K2505B

2 Megapixel Full HD Box IP-Camera ICR

- 2 Megapixel IP Camera with Full HD 1080P real time video
- STARVIS sensor for low light sensitivity, XARINA™ DSP for advanced features
- WDR (Wide Dynamic Range) for extreme backlight situations
- High frame rate of 60 frames per second at Full HD resolution (1080p)
- SDHC memory card slot for alarm and schedule image recording
- Power Input AC24V/DC12V and PoE
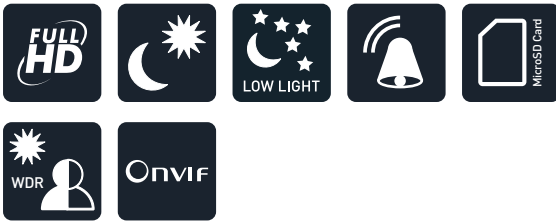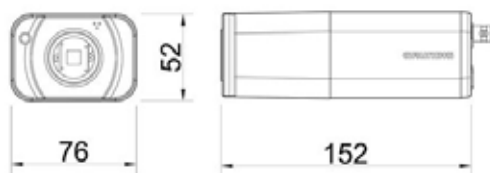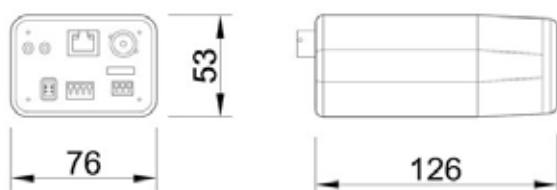
DIMENSIONS (mm)

ACCESSORIES

GBR-WA03

Image Sensor:	1/2.8" CMOS Sony STARVIS Progressive Scan
Pixels - Total:	1920(H) x 1080(V)
Digital Signal Processor (DSP):	Sony Xarina Solution
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Sensitivity Colour:	0.01 lux @ F1.2 (IRE30)
Sensitivity B/W:	0.1 Lux@F1.2 (IRE50), 0.02 Lux@ F1.2 (IRE30)
Lens Mount:	C/CS mount
Lens Drive Type:	DC Auto Iris, Manual Iris
Shutter Speed:	1 ~ 1/10.000 sec
BLC Back Light:	On/Off
WDR:	120dB
Digital Noise Reduction:	3DNR: Off, Low, Middle, High, 2DNR: On/Off
Digital Image Stabilization (DIS):	Off/On
White Balance:	AWB, Auto no boundery,ATW, Indoor, Outdoor, Manual
Motion Detection:	On/ Off/ Sensitivity/ Area setting
Privacy zones:	5 zones, rectangle
Tampering Alarm:	On/Off
Camera ID:	20 character
Alarm Input/Output:	1/1
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari
Number of Clients:	Up to 20 simultaneously
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	Full HD 1080p/ SXGA/ HD 720p/ XGA/SVGA/ D1/ VGA/ CIF/ QCIF
Frame Rate (Max@Resolution):	50/60fps@2MP, 25/30fps@2MP, 50/60fps@1,3MP, 25/30fps@1,3MP, etc.
Network Protocol:	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, SMTP, ICMP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF, FTP
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Recording Types::	on Micro SD/SDHC CARD Single Image Recording (JPEG)Video(AVI)
Alarm Event:	Alarm Input, Motion Detection or Schedule: Image transfer or alarm message by FTP, Image transfer or alarm message by E-mail, recording on SD-card and enable alarm output
Audio Input/Output:	Line In/Line Out (two way Audio)
Audio Compression:	G.711, G.726
LED Indicator:	Power, link, active
Audio Communication:	Bi-directional
Video Outputs:	1Vpp, BNC
Input/Output sockets:	Video Out(BNC), Power(3-Pin Term), RJ-45, Micro SD Card Slot, Terminal 7-Pin (Alarm In 2-Pin, Alarm Out 2-Pin, RS485 2-Pin), Audio (2 mini Jack 3.5mm), Auto-Iris (4Pin)
Interfaces:	RS-485
PTZ Control:	Pan/Tilt/Zoom/Focus/Preset/Sequence, Pelco D/P
Firmware Upgrade:	Firmware upgrade by Web Browser
Configuration:	Upload & Download configuration on remote PC
Regulation:	CE, RoHS Compliant
Humidity:	10 ~ 90% no condensation
Operating Temperature:	-10°C ~ +60°C
Supply Voltage:	12 VDC / 24 VAC, PoE (IEEE 802.3af)
Dimensions (W x H x D):	76 x 53 x 126 mm - 2.99 x 2.09 x 4.96 In:
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Weight:	0.36 kg - 0.79 lbs

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS
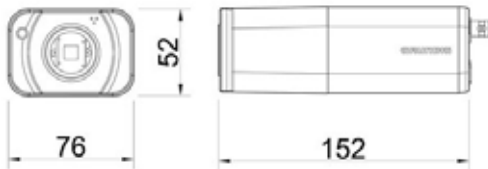
MONITORS

ACCESSORIES

GCI-K3505B

2 Megapixel Full HD Box IP-Camera ICR

- 2 Megapixel IP Camera with Full HD 1080P real time video
- Automatic Back-Focus adjustment: simplifies the lens setup
- STARVIS sensor for low light sensitivity, XARINA™ DSP for advanced features [COPY]
- WDR (Wide Dynamic Range) for extreme backlight situations
- High frame rate of 60 frames per second at Full HD resolution (1080p)
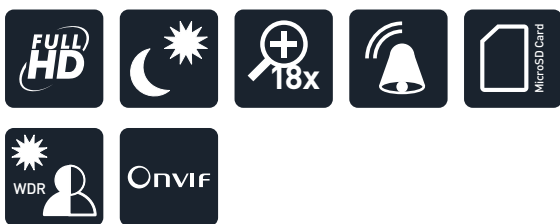- Power Input AC24V/DC12V and PoE

DIMENSIONS (mm)

52 | 76 | 152

ACCESSORIES

GBR-WA03

Image Sensor:	1/2.8" CMOS Sony STARVIS Progressive Scan
Pixels - Total:	1920(H) x 1080(V)
Digital Signal Processor (DSP):	Sony Xarina Solution
Sensitivity Colour:	0.01 lux @ F1.2 (IRE30)
Sensitivity B/W:	0.001 lux @ F1.2 (IRE30)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Mount:	C/CS mount
Lens Drive Type:	Manual / DC auto iris
Focus Adjustment:	Auto back focus
Digital Zoom:	Off/2 ~ 16x
Shutter Speed:	1 ~ 1/10.000 sec
AGC:	Off, 3~72dB
BLC Back Light:	On/Off
WDR:	120dB
White Balance:	AWB, Auto no boundery,ATW, Indoor, Outdoor, Manual
Privacy zones:	5 zones, rectangle
Motion Detection:	On/ Off/ Sensitivity/ Area setting
Digital Noise Reduction:	3DNR: Off, Low, Middle, High, 2DNR: On/Off
Digital Image Stabilization (DIS):	Off/On
Tampering Alarm:	On/Off
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Camera ID:	15 character, 1 lines
OSD:	Yes, multi language
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record to Micro SD Card
Alarm Input/Output:	1/1
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Recording Types::	on micro SD/SDHC CARD:Single Image Recording (JPEG)Video(AVI)on NAS: Video(AVI)
LED Indicator:	Power, link, active
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Network Interface:	1x 10/100 Base T/TX (RJ-45)
Video Outputs:	1Vpp, BNC
Interfaces:	RS-485
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari
PTZ Control:	Pan/Tilt/Zoom/Focus/Preset/Sequence, Pelco D/P
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	Full HD 1080p/ SXGA/ HD 720p/ XGA/SVGA/ D1/ VGA/ CIF/ QCIF
Frame Rate (Max@Resolution):	50/60fps@2MP, 25/30fps@2MP, 50/60fps@1,3MP, 25/30fps@1,3MP, etc.
Network Protocol:	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, SMTP, ICMP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF, FTP
Audio Input/Output:	Line In/Line Out (two way Audio)
Audio Compression:	G.711, G.726
Audio Communication:	Bi-directional
ONVIF compliant:	Profile S
Firmware Upgrade:	Firmware upgrade by Web Browser
Configuration:	Over Web Browser, Upload & Download configuration file
Humidity:	10 ~ 90% no condensation
Regulation:	CE, RoHS Compliant
Operating Temperature:	-20°C ~ +60°C
Supply Voltage:	12 VDC / 24 VAC, PoE (IEEE 802.3af)
Dimensions (W x H x D):	76 x 52 x 152 mm - 2.99 x 2.05 x 5.98 In:
Power Consumption (W):	9.5
Weight:	0.4 kg - 0.88 lbs

2 Megapixel Full HD 18x Zoom Box IP-Camera ICR WDR

- 18x Auto Focus Zoom lens
- EXMOR™ sensor for low light sensitivity, XARINA™ DSP for advanced features
- High frame rate of 60 frames per second at Full HD resolution (1080p)
- WDR (Wide Dynamic Range) for extreme backlight situations
- Micro SD/SDHC memory card slot for alarm image recording
- RS485 Interface for controlling Pan and Tilt Units

DIMENSIONS (mm)

ACCESSORIES

GBR-WA03

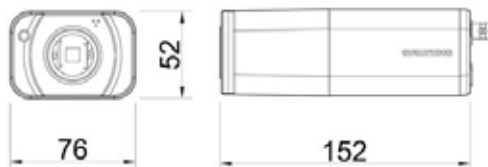|	
Image Sensor:	1/2.8" CMOS Sony Exmor™ Progressive Scan
Pixels - Total:	1920(H) x 1080(V)
Digital Signal Processor (DSP):	Sony Xarina Solution
Col/B:	On/Off/Auto/Ext, IR-cut filter removable (ICR)
Sensitivity Colour:	0.05 Lux@F1.6 (IRE50)
Sensitivity B/W:	0.004 lux @ F1.6 (50IRE)
Lens Drive Type:	Auto Iris (DC), Motorized Zoom & Focus
Lens Focal Length:	4.7 ~ 84.6 mm
Horizontal Viewing Angle:	55.2° (Wide) ~ 3.2° (Tele)
Optical Zoom Ratio:	18x
Shutter Speed:	1 ~ 1/10.000 sec
Focus Adjustment:	Auto, Manual
BLC Back Light:	On/Off
Wide Dynamic Range:	120 dB
Privacy zones:	5 zones, rectangle
Motion Detection:	On/ Off/ Sensitivity/ Area setting
Region of Interest:	4 Areas
White Balance:	AWB, Auto no boundery,ATW, Indoor, Outdoor, Manual
Digital Noise Reduction:	3DNR: Off, Low, Middle, High, 2DNR: On/Off
Digital Image Stabilization (DIS):	Off/On
Alarm Trigger:	Motion detection, Tampering, Network disconnect, Alarm Input, Audio detection, Schedule
Alarm Event:	Image transfer or alarm message by FTP, Image transfer or alarm message by E-mail, recording on SD-card and enable alarm output
Alarm Input/Output:	1/1
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Camera ID:	20 character
Network Interface:	1 x 10/100/1000Mbps PoE port, RJ-45
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	Full HD 1080p/ SXGA/ HD 720p/ XGA/SVGA/ D1/ VGA/ CIF/ QCIF
Frame Rate (Max@Resolution):	50/60fps@2MP, 25/30fps@2MP, 50/60fps@1,3MP, 25/30fps@1,3MP, etc.
Network Protocol:	DHCP, TCP/IP, RTP, PPPoE, HTTP, RTSP, UPnP, UDP, SMTP, FTP, SNMP, HTTPS, IPv4/IPv6, IGMP, ONVIF, QoS, IEEE 802.1 X, ICMP
Access protection:	By log-in and Password, IP filter, IEEE802.1x
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Recording Types::	on Micro SD/SDHC CARD: Single Image Recording (JPEG), Video(AVI, LCK) on NAS: Video (AVI)
Audio Input/Output:	Line In/Line Out (two way Audio)
Audio Communication:	Bi-directional
Audio Compression:	G.711/G.726 ADPCM/AAC
Interfaces:	RS-485
PTZ Control:	Pan/Tilt/Zoom/Focus/Preset/Sequence, Pelco D/P
Web Browser:	MS Internet Explorer 6.0 (or higher), Mozilla Firefox, Apple Safari
Number of Clients:	Up to 20 simultaneously
ONVIF compliant:	Profile S
Firmware Upgrade:	Firmware upgrade by Web Browser
Configuration:	Over Web Browser, Upload & Download configuration file
Operating Temperature:	-20°C ~ +55°C
Regulation:	CE, RoHS Compliant
Supply Voltage:	PoE (IEEE 802.3af), 12 VDC / 24 VAC
Dimensions (W x H x D):	184 x 81 x 53 mm - 7.24 x 3.19 x 2.09 In:
Power Consumption (W):	9
Weight:	0.45 kg - 0.99 lbs

GCI-F1505B

3 Megapixel Real Time IP-Camera ICR WDR

- 3 Megapixel IP Camera with real time video streaming
- Automatic Back-Focus adjustment: simplifies the lens setup
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- P-Iris:system to give precise control over the iris opening
- WDR (Wide Dynamic Range) for extreme backlight situations
- ONVIF protocol support
- SDHC memory card slot for alarm and schedule image recording
- Bidirectional Audio Support

DIMENSIONS (mm)

ACCESSORIES

GBR-WA03

Image Sensor:	1/2.8" Sony Exmor™ CMOS, 3 Megapixel
Pixels - Total:	2048 (H) x 1536 (V)
Sensitivity Colour:	0.5 Lux@F1.2 (IRE50), 0.2 Lux@F1.2 (IRE30)
Sensitivity B/W:	0.1 Lux@F1.2 (IRE50), 0.02 Lux@ F1.2 (IRE30)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Mount:	C/CS mount
Focus Adjustment:	Auto back focus
Lens Drive Type:	P-Iris
Digital Zoom:	On/Off
Shutter Speed:	1 ~ 1/10.000 sec
WDR:	120dB
BLC Back Light:	On/Off
White Balance:	ATW, AWB, Manual, One Push
Digital Noise Reduction:	2DNR/3DNR: Off/Low/Mid/High
Motion Detection:	On/ Off/ Sensitivity/ Area setting
Network failure detection:	On, Off, by Schedule
Tampering Alarm:	On, Off, by Schedule
Time Lapse:	Off, On (60~3600s)
Manual Trigger:	On, Off
Schedule:	Single Day or Week, Time (Start, Duration), DAY or NIGHT Mode
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Privacy zones:	5 zones, rectangle
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record Video Clip
Audio detection:	Off, On
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	2048x1536 (30/25fps), 1920x1080 (30/25fps), 1280x1024 (30/25fps), 1280x720 (30/25fps),etc.
Streaming Method:	Unicast, Multicast
Audio Input/Output:	Line In/Line Out (two way Audio)
Audio Compression:	G.711, G.726
Audio Communication:	Bi-directional
Alarm Input/Output:	1/1
Alarm Inputs:	1x (5V, 10KOhms): On, Off, by Schedule
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Recording Types::	on Micro SD/SDHC CARD: Single Image Recording (JPEG), Video(AVI, LCK) on NAS: Video (AVI)
NAS Recording::	Yes
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari
Network Protocol::	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, SMTP, ICMP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF, FTP
Firmware Upgrade:	Firmware upgrade by Web Browser or Grundig finder ver.1.17
Configuration:	Over Remote PC
Multi Language Webpage::	English, German, French, Italian, Russian, Turkish
LED Indicator:	Power, link, active
Interfaces:	RS-485
PTZ Control:	Pan/Tilt/Zoom/Focus/Preset/Sequence, Pelco D/P
Video Outputs:	1Vpp, BNC
Input/Output sockets:	Video OUT(BNC), Power(DC Jack), RJ-45, Micro SD Card Slot, Alarm Terminal 4-Pin(Alarm In 2-Pin, Alarm Out 2-Pin), Audio (2 mini Jack 3.5mm)
Operating Temperature:	-20°C ~ +60°C
Operating Humidity:	10% ~ 90%, non-condensing
Regulation:	CE, RoHS Compliant
Supply Voltage:	PoE (IEEE 802.3af), 12 VDC / 24 VAC
Dimensions (W x H x D):	76 x 52 x 152 mm - 2.99 x 2.05 x 5.98 In:
Power Consumption (W):	4
Weight:	0.36 kg - 0.79 lbs

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

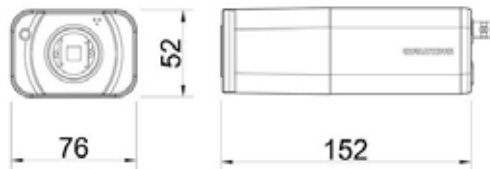HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GCI-N0503B

8 MP Ultra HD Auto-Back-Focus Box IP-Camera ICR

- 4K Resolution for super detailed images
- Automatic Back-Focus adjustment: simplifies the lens setup
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- ONVIF Profile S compliant for maximum compatibility with VMS
- SD/SDHC/SDXC memory card slot for alarm and schedule image recording
- Bidirectional Audio Support

DIMENSIONS (mm)

ACCESSORIES

GBR-WA03

Image Sensor:	1/1.7" Sony Progressive CMOS 12 MP
Pixels - Total:	3840(H) x 2160(V)
Sensitivity Colour:	0.5 Lux@F1.2 (IRE50), 0.2 Lux@F1.2 (IRE30)
Sensitivity B/W:	0.1 Lux@F1.2 (IRE50), 0.02 Lux@ F1.2 (IRE30)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Mount:	C/CS mount
Lens Drive Type:	Manual / DC auto iris
Focus Adjustment:	Auto back focus
WDR:	72dB (Digital Wide Dynamic Range) Off/Low/Middle/High
Digital Zoom:	Off/1 ~ 10x
Shutter Speed:	1 ~ 1/10.000 sec
BLC Back Light:	On/Off
White Balance:	ATW, AWB, Manual, One Push
Digital Noise Reduction:	2DNR: ON/OFF, 3DNR/ColorNR: Off/Low/Mid/High
Alarm Trigger:	Alarm Input, Motion Detection, Network Failure detection, Tampering Alarm, Time lapse, Manual Trigger, Audio detection
Schedule:	Daily, Weekly, Start Time and Duration
Alarm Event:	Alarm Input, Motion Detection or Schedule: Image transfer or alarm message by FTP, Image transfer or alarm message by E-mail, recording on SD-card and enable alarm output
Privacy Zone Type:	rectangle, Color selection
Video Text Overlay:	Text string (15 character), Subtitel (5 lines @ 16 character)
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Privacy zones:	5 zones (rectangle/color selection)
Motion Detection:	On/ Off/ Sensitivity/ Area setting
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
Video Resolution:	8MP(3840x2160)/5,7MP(3200x1800)/Full HD 1080p/SXGA/HD720p/XGA/SVGA/4CIF/VGA/CIF/QVGA
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Frame Rate (Max@Resolution):	25fps@8MP, 25fps@6MP, 25fps@5MP, 25fps@3MP, 25fps@2MP, 25fps@1,3MP, etc.
Streaming Method:	Unicast, Multicast
Audio Compression:	G.711, G.726
Audio Communication:	Bi-directional
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Input/Output:	1/1
Number of Clients:	Up to 20 simultaneously
NAS Recording::	Yes
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Recording Types::	on Micro SD/SDHC CARD: Single Image Recording (JPEG), Video(AVI, LCK) on NAS: Video (AVI)
Web Browser:	MS Internet Explorer 7.0 (or higher)
Network Protocol:	ARP, DHCP, FTP, HTTP, HTTPS, ICMP, IEEE 802.1 X, IGMP, IPv4/IPv6, ONVIF, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
Security:	IP address filtering, User access log, IEEE-802.1x
Firmware Upgrade:	by Web Browser or Grundig finder (from ver.1.17)
Configuration:	Upload & Download configuration on remote PC
Multi Language Webpage::	English, German, French, Italian, Russian
LED Indicator:	Power, link, active
Video Outputs:	1Vpp, BNC
Serial Protocol:	Pelco D, Pelco P
Input/Output sockets:	Video OUT(BNC), Power(DC Jack with adapter 2PIN for 24VAC), RJ-45, Micro SD Card Slot, Alarm Terminal 4-Pin(Alarm In 2-Pin, Alarm Out 2-Pin), Audio (2 mini Jack 3.5mm)
Operating Humidity:	10% ~ 90%, non-condensing
Regulation:	CE, RoHS Compliant
Operating Temperature:	-10°C ~ +50°C
Supply Voltage:	PoE (IEEE 802.3af), 12 VDC / 24 VAC
Dimensions (W x H x D):	76 x 52 x 152 mm - 2.99 x 2.05 x 5.98 In:
Power Consumption (W):	4
Weight:	0.36 kg - 0.79 lbs

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GCI-K1627D

2 MP Full HD Indoor Dome IP-Camera 2.8~12mm ICR IR LED WDR

- 2 Megapixel IP Camera with Full HD 1080P real time video
- STARVIS sensor for low light sensitivity, XARINA™ DSP for advanced features
- WDR (Wide Dynamic Range) for extreme backlight situations
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- 3 Axis Gimbal, to mount on Wall or Ceiling
- ONVIF Profile S compliant for maximum compatibility with VMS

DIMENSIONS (mm)

ACCESSORIES

GBR-WA07

Image Sensor:	1/2.8" CMOS Sony STARVIS Progressive Scan
Pixels - Total:	1920(H) x 1080(V)
Digital Signal Processor (DSP):	Sony Xarina Solution
Sensitivity Colour:	0.03 lux @ F1.4 (IRE30)
Sensitivity B/W:	0.003 lux @ F1.4 (IRE30)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Focal Length:	2.8 ~ 12 mm
Horizontal Viewing Angle:	98° (Wide) ~ 36° (Tele)
Digital Zoom:	Off/2 ~ 16x
Iris F-Number:	F= 1.4 ~ 360
Lens Drive Type:	Auto Iris (DC)
Focus Adjustment:	Manual
IR LED:	4 x 95° and 2 x 60° illumination angle
Max. IR Distance:	up to 25m
Wavelength:	850nm
Shutter Speed:	1 ~ 1/10.000 sec
BLC Back Light:	On/Off
WDR:	120dB
White Balance:	AWB, Auto no boundery,ATW, Indoor, Outdoor, Manual
Digital Noise Reduction:	2DNR/3DNR: Off/Low/Mid/High
Digital Image Stabilization (DIS):	Off/On
Alarm Trigger:	Alarm Input, Manual Trigger, Motion detection, Network disconnect, Tampering, Time lapse
Schedule:	Single Day or Week, Time (Start, Duration), DAY or NIGHT Mode
Alarm Input/Output:	1/1
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record to Micro SD Card
Motion Detection:	On, Off, by Schedule
Tampering Alarm:	On/Off
Time Lapse:	Off, On (60~3600s)
Manual Trigger:	On, Off
Camera ID:	20 character
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
Privacy zones:	5 zones, rectangle
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
Privacy Zone Type:	rectangle, Color selection
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	Full HD 1080p/ SXGA/ HD 720p/ XGA/SVGA/ D1/ VGA/ CIF/ QCIF
Frame Rate (Max@Resolution):	50/60fps@2MP, 25/30fps@2MP, 50/60fps@1,3MP, 25/30fps@1,3MP, etc.
Streaming Method:	Unicast, Multicast
Audio Input/Output:	Line In/Line Out (two way Audio)
Audio Communication:	Bi-directional
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Recording Types::	on Micro SD/SDHC CARD Single Image Recording (JPEG)Video(AVI)
Web Browser:	MS Internet Explorer 6.0 (or higher)
Network Protocol:	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, SMTP, ICMP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF, FTP, ARP
Firmware Upgrade:	by Web Browser or Grundig finder (from ver.1.17)
Configuration:	by web interface
Multi Language Webpage::	English, German, French, Italian, Russian, Turkish
LED Indicator:	Power, link, active
Video Outputs:	1Vpp, BNC
Input/Output sockets:	Power (Terminal 3-Pin), RJ-45, Micro SD Card Slot, 8-Pin Terminal (4-Pin Alarm IN/OUT),Audio IN/OUT (4-Pin), Video Output
Regulation:	CE, RoHS Compliant
Humidity:	10 ~ 90% no condensation
Operating Temperature:	-10°C ~ +50°C
Supply Voltage:	12 VDC / 24 VAC, PoE (IEEE 802.3af)
Power Consumption (W):	11 (LED ON)
Weight:	0.37 kg - 0.82 lbs
Dimensions:	123 x 107 mm - 4.84 x 4.21 In

2 Megapixel Full HD Indoor Dome IP-Camera
3~9mm AFZ Modul P-Iris ICR IR LED WDR

- 2 Megapixel IP Camera with Full HD 1080P real time video
- STARVIS sensor for low light sensitivity, XARINA™ DSP for advanced features
- P-Iris:system to give precise control over the iris opening
- WDR (Wide Dynamic Range) for extreme backlight situations
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- 3 Axis Gimbal, to mount on Wall or Ceiling

DIMENSIONS (mm)

ACCESSORIES

GBR-WA07

Image Sensor:	1/2.8" CMOS Sony STARVIS Progressive Scan
Pixels - Total:	1920(H) x 1080(V)
Digital Signal Processor (DSP):	Sony Xarina Solution
Sensitivity Colour:	0.05 Lux@F1.3 (50IRE)
Sensitivity B/W:	0.005 Lux @ F1.3 (50IRE)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Focal Length:	3 ~ 9 mm
Horizontal Viewing Angle:	107° (Wide) ~ 36° (Tele)
Optical Zoom Ratio:	x 3
Digital Zoom:	Off/2 ~ 16x
Digital Noise Reduction:	2DNR/3DNR: Off/Low/Mid/High
Digital Image Stabilization (DIS):	Off/On
Iris F-Number:	F= 1.2 ~ 360
Lens Drive Type:	Tamron® Auto-Focus-Zoom Module, P-Iris
Focus Adjustment:	Auto, Manual
IR LED:	6 pcs., 130° illumination angle
Max. IR Distance:	up to 25m
Wavelength:	850nm
Shutter Speed:	1 ~ 1/10.000 sec
BLC Back Light:	On/Off
WDR:	120dB
White Balance:	AWB, Auto no boundery,ATW, Indoor, Outdoor, Manual
Motion Detection:	On, Off, by Schedule
Alarm Input:	On, Off, by Schedule
Tampering Alarm:	On, Off, by Schedule
Time Lapse:	Off, On (60~3600s)
Manual Trigger:	On, Off
Schedule:	Single Day or Week, Time (Start, Duration), DAY or NIGHT Mode
Alarm Event:	Alarm Input, Motion Detection or Schedule: Image Transfer or Alarm Message by FTP, Image Transfer or Alarm Message by E-mail, Recording on SD-Card, enable Alarm Output and send HTTP Notification
Camera ID:	15 character, 1 lines
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
Privacy zones:	5 zones, rectangle
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	Full HD 1080p/ SXGA/ HD 720p/ XGA/SVGA/ D1/ VGA/ CIF/ QCIF
Frame Rate (Max@Resolution):	50/60fps@2MP, 25/30fps@2MP, 50/60fps@1,3MP, 25/30fps@1,3MP, etc.
Streaming Method:	Unicast, Multicast
Audio Input/Output:	Line In/Line Out (two way Audio)
Audio Compression:	G.711, G.726
Audio Communication:	Bi-directional
Alarm Input/Output:	1/1
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Recording Types::	on Micro SD/SDHC/SDXC CARD Single Image Recording (JPEG)Video(AVI, LCK)
Video enhancement:	3D DNR, AGC, Back Light Compensation (BLC), Digital Image Stabilization (DIS)
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari, Access over Mobile Devices
Network Protocol:	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, SMTP, ICMP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF, FTP, ARP
Firmware Upgrade:	by Web Browser or Grundig finder (from ver.1.17)
Configuration:	by web interface
Multi Language Webpage::	English, German, French, Italian, Russian, Turkish
LED Indicator:	Power, link, active
Video Outputs:	1Vpp, BNC
Input/Output sockets:	Power (Terminal 3-Pin), RJ-45, Micro SD Card Slot, 8-Pin Terminal (4-Pin Alarm IN/OUT),Audio IN/OUT (4-Pin), Video Output
Operating Temperature:	-10°C ~ +50°C
Humidity:	10 ~ 90% no condensation
Regulation:	CE, RoHS Compliant
Supply Voltage:	12 VDC / 24 VAC, PoE (IEEE 802.3af)
Power Consumption (W):	12 (LED ON)
Weight:	0.37 kg - 0.82 lbs
Dimensions:	123 x 107 mm - 4.84 x 4.21 In

GCI-F4687D

3MP Intelligent IP Indoor Fixed Dome Camera with IR WDR

- Motorized Vario Focal lens (Zoom & Focus), DC Iris
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- WDR (Wide Dynamic Range) for extreme backlight situations
- Embedded analytics: face detection, audio detection, advanced motion, tampering
- IR LEDs Integrated with Smart-IR Control
- ONVIF protocol support
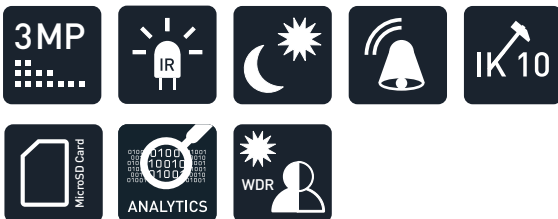- 3 Axis Gimbal, to mount on Wall or Ceiling

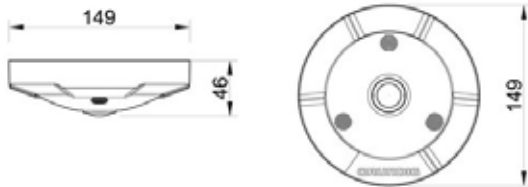|	
Image Sensor:	1/2.8" Progressive Scan CMOS
Pixels - Total:	2048 (H) x 1536 (V)
Sensitivity Colour:	0.07 lux @ F1.2
Sensitivity B/W:	0.007 lux @ F1.4
Iris F-Number:	F= 1.2 ~ 360
Shutter Speed:	1/3 ~ 1/100,000 sec
Col/B:	Auto, IR-cut filter removable (ICR)
Lens Drive Type:	Motorized Zoom & Focus, DC Auto Iris
Lens Focal Length:	2.8 ~ 12 mm
Horizontal Viewing Angle:	94.5° (Wide) ~ 30.5° (Tele)
IR LED:	24 pcs.
Max. IR Distance:	up to 30m
BLC Back Light:	On/Off, Area
WDR:	120dB
Digital Noise Reduction:	3D-DNR, auto
Privacy zones:	4 zones, rectangle
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
AGC:	Adjustable
White Balance:	ATW, AWB, Manual, One Push
Intelligent Video Analytics:	Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection, network disconnect, IP address conflict, storage exception
Image settings:	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
OSD:	Yes
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
Video Streaming:	Triple Stream, H.264 and MJPEG
Video Resolution:	Main: 2048x1536 (45fps), 1920x1080 (50/60fps), 1280x960 (50/60fps), 1280x720 (50/60fps), Sub: 704x576(50/60fps), 640x480(50/60fps), 352x288(50/60fps), Third Stream: 2048x1536 (50/60fps), 1920x1080 (50/60fps), 1280x960 (50/60fps), 1280x720 (50/60fps), 704x5076 (50/60fps), 352x288(50/60fps)
Bit Rate:	Mainstream: 256kbps~16384kbps, Substream: 32kbps~8192Mbps, Third Stream: 256kbps~16384kbps
Alarm Input/Output:	1/1
Audio Input/Output:	Line In/Line Out (two way Audio)
Audio Compression:	G.711 (64kbps) / G.726 (16kbps) / MP2L2
Audio Communication:	Bi-directional
Alarm Trigger:	Motion detection, Tampering, Network disconnect, IP address conflict, Alarm Input, Storage error, Intelligent video analytics, Audio detection, Time lapse
Network Streaming:	TCP, UDP (Unicast, Multicast)
Network Protocol:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI
System Compatibility:	ONVIF, PSIA, CGI
ONVIF compliant:	Profile S, Profile G
Web Browser:	MS Internet Explorer 7.0 (or higher)
Security:	HTTPS, IP FILTER, IEEE802.1x, Admin/User account
Firmware Upgrade:	Firmware upgrade by Web Browser
Video Outputs:	1Vpp/75Ohm, BNC cable
SD memory:	supports up to 128 GB capacity of micro SD memory
Recording:	H.264, Image Capture (Time-Lapse), JPEG format, Support NAS Server
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Protection Rating:	IK10
Humidity:	less than 90%, non condensing
Operating Temperature:	-30°C ~ +60°C
Supply Voltage:	12 VDC / PoE IEEE 802.3af
Power Consumption (W):	9
Weight:	1.40 kg - 3.09 lbs
Dimensions:	140 x 122 mm - 5.51 x 4.8 In

6 MP Fisheye Dome IP-Camera with IR LED

- ImmerVision certified camera due to the Panomorph/Stereographic lens
- 360° field of view
- 6 Megapixels CMOS, Colour/B&W Camera
- Dewarping function Built-In
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- SDHC memory card slot for alarm and schedule image recording
- Ceiling or Wall Mount possibility

6MP | IR | (night) | 360° | MicroSD Card

Onvif | PoE

DIMENSIONS (mm)

149

46

149

ACCESSORIES

GAC-C2030A

Image Sensor:	1/1.8" Sony Progressive Scan CMOS, 6 megapixel
Pixels - Total:	3072 x 2048
Sensitivity Colour:	0.2 Lux @ F2.8
Sensitivity B/W:	0.02 Lux @ F2.8
Lens:	Stereo Projection 1/2.5" Panomorph
Lens Focal Length:	1.05 mm
Iris F-Number:	F 2.8
IR LED:	6 pieces
Wavelength:	850nm
Max. IR Distance:	Ø 6 m @ 3m
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
WDR:	72dB (Digital Wide Dynamic Range) Off/Low/Middle/High
Viewing Angle:	180° @ Full Resolution
Lens Drive Type:	Fixed Iris
Digital Zoom:	Yes
Shutter Speed:	1 ~ 1/10.000 sec
PTZ Control:	digital Pan/Tilt/Zoom
BLC Back Light:	On/Off
White Balance:	ATW, AWB, Manual
Privacy zones:	5 zones, rectangle
Schedule:	Daily, Weekly, Start Time and Duration
Motion Detection:	On, Off, by Schedule
Tampering Alarm:	On/Off
Manual Trigger:	On, Off
Time Lapse:	Off, On (60~3600s)
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Digital Noise Reduction:	2DNR: ON/OFF, 3DNR/ColorNR: Off/Low/Mid/High
Camera ID:	20 character
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record to Micro SD Card
Access protection:	By log-in and Password, IP filter, IEEE802.1x
IR Light Compensation:	On, Off
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
Number of Clients:	Up to 20 simultaneously
ONVIF compliant:	Profile S
ImmerVison Enables:	RPL: B5SST
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	Backend dewarp: 3072x2048,1920x1080, 1280x1024, 1280x720, 1024x768, 800x600, 720x576, 640x480, 352x288, 320x240, Front End Dewarp: 2048x2048, 2048x1536,1920x1080, 1600x1200,1408x1408, 960x960, 960x720, 960x544
Frame Rate (Max@Resolution):	25fps@6MP, 25fps@4MP, 25fps@3MP, 50fps@2MP, 50fps@1.3MP, etc.
Streaming Method:	Unicast, Multicast
Fisheye settings:	360°, 180°, Back- and Front End Dewarping
Frontend Dewarp function:	Yes, 2 Streams(4MP&2MP)
Back End Dewarp function:	Yes, 6MP, up to 4 Streams
Audio Compression:	G.711, G.726
Audio Communication:	Bi-directional
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Input/Output:	1/1
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari
Network Protocol:	DHCP, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4/IPv6, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
NAS Recording:	Yes
Recording Types::	on Micro SD/SDHC/SDXC CARD Single Image Recording (JPEG)Video(AVI, LCK)
LED Indicator:	Power, link, active
Input/Output sockets:	Micro SD card slot, 2Pin Power Screw block, RJ45 Network connector, All in one cable: Power DC connector, 4 Pin Alarm I/O, Audio I/O 2 x mini jack plug
Firmware Upgrade:	Firmware upgrade by Web Browser
Configuration:	Upload & Download configuration on remote PC
Multi Language Webpage::	English, German, French, Italian, Russian, Turkish
Mount:	Indoor Ceiling & Wall
Alarm Trigger:	Alarm Input, Motion Detection, Network Failure detection, Tampering Alarm, Time lapse, Manual Trigger
Video Text Overlay:	Text string (20 character), Subtitel (5 lines @ 16 character)
Regulation:	CE, RoHS Compliant
Operating Temperature:	-10°C ~ +50°C
Operating Humidity:	10% ~ 90%, non-condensing
Supply Voltage:	12 VDC / 24 VAC, PoE (IEEE 802.3af)
Power Consumption (W):	8
Weight:	0.35 kg - 0.77 lbs
Dimensions:	149 x 46 mm - 5.87 x 1.81 In

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS
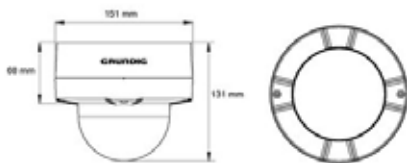
MONITORS

ACCESSORIES

GCI-K1527V-1

2 MP Full HD AV Dome IP-Camera 2.8~12mm ICR IR LED WDR

- STARVIS sensor for low light sensitivity, XARINA™ DSP for advanced features
- WDR (Wide Dynamic Range) for extreme backlight situations
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- ONVIF Profile S compliant for maximum compatibility with VMS
- 3 Way Axis Gimbal, wall mountable
- 0 Lux: Integrated EXTREM IR Powerful and wide angle LED Illuminator
- Easy cable management in the upper dome no external connection box necessary

Image Sensor:	1/2.8" CMOS Sony STARVIS Progressive Scan
Pixels - Total:	1920(H) x 1080(V)
Digital Signal Processor (DSP):	Sony Xarina Solution
Sensitivity Colour:	0.03 lux @ F1.4 (IRE30)
Sensitivity B/W:	0.003 lux @ F1.4 (IRE30)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Focal Length:	2.8 ~ 12 mm
Horizontal Viewing Angle:	98° (Wide) ~ 36° (Tele)
Digital Zoom:	Off/2 ~ 16x
Iris F-Number:	F= 1.4
IR LED:	6 pcs., 95° illumination angle
Max. IR Distance:	30/45 m (according to scene reflexion)
Wavelength:	850nm
Shutter Speed:	1 ~ 1/10.000 sec
Digital Noise Reduction:	3DNR: Off, Low, Middle, High, 2DNR: On/Off
Digital Image Stabilization (DIS):	Off/On
BLC Back Light:	On/Off
WDR:	120dB
Video enhancement:	3D DNR, AGC, Back Light Compensation (BLC), Digital Image Stabilization (DIS)
White Balance:	AWB, Auto no boundery,ATW, Indoor, Outdoor, Manual
Motion Detection:	On, Off, by Schedule
Tampering Alarm:	On, Off, by Schedule
Time Lapse:	Off, On (60~3600s)
Manual Trigger:	On, Off
Schedule:	Single Day or Week, Time (Start, Duration), DAY or NIGHT Mode
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record to Micro SD Card
Video Text Overlay:	15 character, 1 lines
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
Privacy zones:	5 zones, rectangle
Network Interface:	1x 10/100/1000 Base T/TX (RJ-45)
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	Full HD 1080p/ SXGA/ HD 720p/ XGA/SVGA/ D1/ VGA/ CIF/ QCIF
Frame Rate (Max@Resolution):	50/60fps@2MP, 25/30fps@2MP, 50/60fps@1,3MP, 25/30fps@1,3MP, etc.
Streaming Method:	Unicast, Multicast
Audio Compression:	G.711, G.726
Audio Communication:	Bi-directional
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Input/Output:	1/1
Intelligent Video Analytics:	Face Detection, Motion Detection, Tampering
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari, Access over Mobile Devices
Network Protocol:	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, SMTP, ICMP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF, FTP, ARP
Firmware Upgrade:	by Web Browser or Grundig finder (from ver.1.17)
Configuration:	Over Remote PC
Multi Language Webpage::	English, German, French, Italian, Russian, Turkish
Video Outputs:	1x CVBS (1Vpp), BNC
Input/Output sockets:	1x RJ-45, 1x Video OUT (BNC), Power 4-Pin Terminal Block (2 Pin VDC, 2 Pin VAC), Terminal 9 Pin (Alarm IN 2Pin, Alarm OUT 2Pin, Audio IN L/R 2 PIN, AUDIO OUT 2 PIN L/R, Audio, GND 1 PIN)
Protection Rating:	IK10, IP66
Operating Temperature:	-25°C ~ +55°C
Humidity:	10 ~ 90% no condensation
Regulation:	CE, RoHS Compliant
Supply Voltage:	PoE (IEEE 802.3af), 12 VDC / 24 VAC
Power Consumption (W):	8.1 (LED ON)
Weight:	1 kg - 2.2 lbs
Dimensions:	151 mm - 5.94 In

DIMENSIONS (mm)

151 mm

88 mm

131 mm

ACCESSORIES

GBR-WA02	GHO-M028	GBR-IC02	GBR-CM02

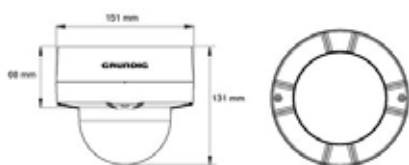| GBR-AM02	GAC-B1514A	GAC-B0214A

2 MP Full HD AV Dome IP-Camera 3~9mm AFZ Modul P-Iris ICR IR LED WDR

- STARVIS sensor for low light sensitivity, XARINA™ DSP for advanced features
- Tamron® Auto-Focus Module, Focal length 3-9 mm
- P-Iris:system to give precise control over the iris opening
- WDR (Wide Dynamic Range) for extreme backlight situations
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- 3 Way Axis Gimbal, wall mountable
- Easy cable management in the upper dome no external connection box necessary

DIMENSIONS (mm)

ACCESSORIES

GBR-WA02	GHO-M028	GBR-IC02	GBR-CM02

GBR-AM02	GAC-B1514A	GAC-B0214A

Image Sensor:	1/2.8" CMOS Sony STARVIS Progressive Scan
Pixels - Total:	1920(H) x 1080(V)
Digital Signal Processor (DSP):	Sony Xarina Solution
Sensitivity Colour:	0.01 lux @ F1.3 (IRE30)
Sensitivity B/W:	0.0005 lux @ F1.3 (IRE30)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Focal Length:	3 ~ 9 mm
Horizontal Viewing Angle:	113° (Wide) ~ 36° (Tele)
Optical Zoom Ratio:	3x
Digital Zoom:	Off/2 ~ 16x
Iris F-Number:	F= 1.3 ~ 360
Lens Drive Type:	Tamron® Auto-Focus-Zoom Module, P-Iris
Focus Adjustment:	One-Shot AF / Manual / Zoom Trigger
IR LED:	8 pcs., 90° illumination angle
Max. IR Distance:	30/45 m (according to scene reflexion)
Wavelength:	850nm
Shutter Speed:	1 ~ 1/10.000 sec
BLC Back Light:	On/Off
WDR:	120dB
Video enhancement:	3D DNR, AGC, Back Light Compensation (BLC), Digital Image Stabilization (DIS)
White Balance:	AWB, Auto no boundery,ATW, Indoor, Outdoor, Manual
Digital Image Stabilization (DIS):	Off/On
Digital Noise Reduction:	3DNR: Off, Low, Middle, High, 2DNR: On/Off
Motion Detection:	On, Off, by Schedule
Alarm Input:	On, Off, by Schedule
Tampering Alarm:	On, Off, by Schedule
Time Lapse:	Off, On (60~3600s)
Manual Trigger:	On, Off
Schedule:	Single Day or Week, Time (Start, Duration), DAY or NIGHT Mode
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record to Micro SD Card
Video Text Overlay:	15 character, 1 lines
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
Privacy zones:	5 zones, rectangle
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	Full HD 1080p/ SXGA/ HD 720p/ XGA/SVGA/ D1/ VGA/ CIF/ QCIF
Frame Rate (Max@Resolution):	50/60fps@2MP, 25/30fps@2MP, 50/60fps@1,3MP, 25/30fps@1,3MP, etc.
Streaming Method:	Unicast, Multicast
Audio Compression:	G.711, G.726
Audio Communication:	Bi-directional
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Input/Output:	1/1
Intelligent Video Analytics:	Face Detection, Motion Detection, Tampering
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari, Access over Mobile Devices
Network Protocol:	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, SMTP, ICMP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF, FTP, ARP
Firmware Upgrade:	by Web Browser or Grundig finder (from ver.1.17)
Configuration:	Over Remote PC
Multi Language Webpage::	English, German, French, Italian, Russian, Turkish
Video Outputs:	1x CVBS (1Vpp), BNC
Input/Output sockets:	1x RJ-45, 1x Video OUT (BNC), Power 4-Pin Terminal Block (2 Pin VDC, 2 Pin VAC), Terminal 9 Pin (Alarm IN 2Pin, Alarm OUT 2Pin, Audio IN L/R 2 PIN, AUDIO OUT 2 PIN L/R, Audio, GND 1 PIN)
Protection Rating:	IK10, IP66
Operating Temperature:	-25°C ~ +55°C
Humidity:	10 ~ 90% no condensation
Regulation:	CE, FCC, RoHS Compliant
Supply Voltage:	PoE (IEEE 802.3af), 12 VDC / 24 VAC
Power Consumption (W):	12.4 (LED ON)
Weight:	1 kg - 2.2 lbs
Dimensions:	151 mm - 5.94 In

GCI-F4687V

3MP Intelligent IP Outdoor Fixed Dome Camera with IR WDR

- Motorized Vario Focal lens (Zoom & Focus), DC Iris
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- WDR (Wide Dynamic Range) for extreme backlight situations
- Embedded analytics: face detection, audio detection, advanced motion, tampering
- IR LEDs Integrated with Smart-IR Control
- ONVIF protocol support
- 3 Axis Gimbal, to mount on Wall or Ceiling

Image Sensor:	1/2.8" Progressive Scan CMOS
Pixels - Total:	2048 (H) x 1536 (V)
Sensitivity Colour:	0.07 lux @ F1.2
Sensitivity B/W:	0.007 lux @ F1.4
Shutter Speed:	1/3 ~ 1/100,000 sec
Col/B:	Auto, IR-cut filter removable (ICR)
Lens Drive Type:	Motorized Zoom & Focus, DC Auto Iris
Lens Focal Length:	2.8 ~ 12 mm
Iris F-Number:	F= 1.2 ~ 360
Horizontal Viewing Angle:	94.5° (Wide) ~ 30.5° (Tele)
IR LED:	28 pcs.
Max. IR Distance:	40 m
BLC Back Light:	On/Off, Area
WDR:	120dB
Digital Noise Reduction:	3D-DNR, auto
Privacy zones:	4 zones, rectangle
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
AGC:	Adjustable
White Balance:	Auto/Off
Intelligent Video Analytics:	Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection, network disconnect, IP address conflict, storage exception
Image settings:	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
OSD:	Yes
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
Video Streaming:	Triple Stream, H.264 and MJPEG
Video Resolution:	Main: 2048x1536 (45fps), 1920x1080 (50/60fps), 1280x960 (50/60fps), 1280x720 (50/60fps), Sub: 704x576(50/60fps), 640x480(50/60fps), 352x288(50/60fps), Third Stream: 2048x1536 (50/60fps), 1920x1080 (50/60fps), 1280x960 (50/60fps), 1280x720 (50/60fps), 704x5076 (50/60fps), 352x288(50/60fps)
Bit Rate:	Mainstream: 256kbps~16384kbps, Substream: 32kbps~8192Mbps, Third Stream: 256kbps~16384kbps
Audio Compression:	G.711 (64kbps) / G.726 (16kbps) / MP2L2
Audio Communication:	Bi-directional
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Trigger:	Motion detection, Tampering, Network disconnect, IP address conflict, Alarm Input, Storage error, Intelligent video analytics, Audio detection, Time lapse
Alarm Input/Output:	1/1
Network Streaming:	TCP, UDP (Unicast, Multicast)
Network Protocol:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI
System Compatibility:	ONVIF, PSIA, CGI
ONVIF compliant:	Profile S, Profile G
Web Browser:	MS Internet Explorer 7.0 (or higher)
Security:	HTTPS, IP FILTER, IEEE802.1x, Admin/User account
Firmware Upgrade:	Firmware upgrade by Web Browser
Video Outputs:	1Vpp/75Ohm, BNC cable
SD memory:	supports up to 128 GB capacity of micro SD memory
Recording:	H.264, Image Capture (Time-Lapse), JPEG format, Support NAS Server
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Protection Rating:	IP66, IK10
Humidity:	less than 90%, non condensing
Operating Temperature:	-30°C ~ +60°C
Supply Voltage:	PoE (IEEE 802.3af), 12VDC
Power Consumption (W):	9
Weight:	2.10 kg - 4.63 lbs
Dimensions:	165 x 127 mm - 6.5 x 5 In

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS
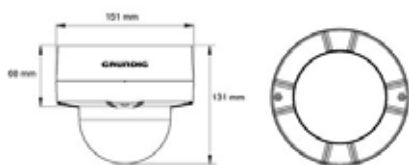
HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

3 MP Real Time AV Dome IP-Camera 3~9mm AFZ Modul P-Iris ICR IR LED WDR

- 3 Megapixel IP Camera with real time video streaming
- Tamron P-Iris lens with Auto Focus Zoom Modul, for easy and precise remote settings
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- WDR (Wide Dynamic Range) for extreme backlight situations
- Vandal- and weather-proof
- 3 Way Axis Gimbal, wall mountable
- Easy cable management in the upper dome no external connection box necessary

Image Sensor:	1/2.8" Sony Exmor™ CMOS, 3 Megapixel
Pixels - Total:	2048 (H) x 1536 (V)
Sensitivity Colour:	0.04 Lux @ F1.7 (IRE30)
Sensitivity B/W:	0.002 Lux/@F1.7 (IRE30)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Focal Length:	3 ~ 9 mm
Viewing Angle:	approx. 104°(H) ~ 33°(V)
Optical Zoom Ratio:	x 3
Digital Zoom:	Off/1 ~ 10x
Iris F-Number:	F= 1.7 ~ 360
Lens Drive Type:	Tamron® Auto-Focus-Zoom Module, P-Iris
Focus Adjustment:	Auto, Manual
IR LED:	6 pcs., 95° illumination angle
Max. IR Distance:	40/50 m (according to scene reflexion)
Wavelength:	850nm
Shutter Speed:	1 ~ 1/10.000 sec
WDR:	120dB
BLC Back Light:	On/Off
White Balance:	ATW, AWB, Manual, One Push
Digital Noise Reduction:	2DNR: ON/OFF, 3DNR/ColorNR: Off/Low/Mid/High
Motion Detection:	On, Off, by Schedule
Alarm Input:	On, Off, by Schedule
Network failure detection:	On, Off, by Schedule
Tampering Alarm:	On, Off, by Schedule
Time Lapse:	Off, On (60~3600s)
Manual Trigger:	On, Off
Audio detection:	Off, On
Schedule:	Single Day or Week, Time (Start, Duration), DAY or NIGHT Mode
Camera ID:	20 character
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Privacy zones:	5 zones, rectangle
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record Video Clip
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	2048x1536 (30/25fps), 1920x1080 (30/25fps), 1280x1024 (30/25fps), 1280x720 (30/25fps),etc.
Frame Rate (Max@Resolution):	25fps@3MP, 25fps@2MP, 25fps@1,3MP, etc.
Streaming Method:	Unicast, Multicast
Audio Compression:	G.711, G.726
Audio Communication:	Bi-directional
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Input/Output:	1/1
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Recording Types::	on Micro SD/SDHC CARD: Single Image Recording (JPEG), Video(AVI, LCK) on NAS: Video (AVI)
NAS Recording::	Yes
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari, Access over Mobile Devices
Network Protocol:	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, SMTP, ICMP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF, FTP, ARP
Firmware Upgrade:	by Web Browser or Grundig finder (from ver.1.17)
Configuration:	Over Remote PC
Multi Language Webpage::	English, German, French, Italian, Russian, Turkish
LED Indicator:	Power, link, active
Video Outputs:	1Vpp, BNC
Input/Output sockets:	1x RJ-45, 1x Video OUT (BNC), Micro-SD card slot, Power (2-Pin Term), Terminal 9 Pin (Alarm IN 2Pin, Alarm OUT 2Pin, Audio IN L/R 2 PIN, AUDIO OUT 2 PIN L/R, Audio, GND 1 PIN)
Protection Rating:	IK10, IP66
Operating Temperature:	-40°C ~ +55°C
Operating Humidity:	10% ~ 90%, non-condensing
Regulation:	CE, RoHS Compliant
Supply Voltage:	12 VDC / 24 VAC, PoE+ (IEEE 802.3at)
Power Consumption (W):	20 (LED on)
Weight:	0.8 kg - 1.76 lbs
Dimensions:	151 x 131 mm - 5.94 x 5.16 In

3MP P-IRIS IR (Day/Night) IP66

IK 10 SD Card WDR

DIMENSIONS (mm)

151 mm
68 mm
131 mm

ACCESSORIES

GHO-M028   GBR-IC02   GBR-CM02   GAC-B1514A
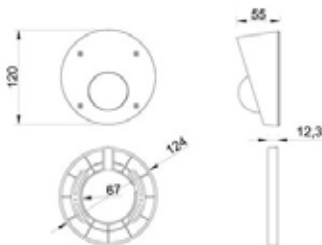
GAC-B0214A   GBR-WA02   GBR-AM02

GCI-L4617W

4 Megapixel Compact Dome with IR Leds WDR

- 4 Megapixel IP Camera with Full HD 1080P real time video
- H.264 & MJPEG compression modes
- Lens: f = 2.8 mm, 106°
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- Weatherproof Outdoor Installation (IP67)
- Built in analytics function, motion detection, trip wire, intrusion detection, tamper detection
- Ceiling or Wall Mount possibility

DIMENSIONS (mm)

ACCESSORIES

GBR-WA06
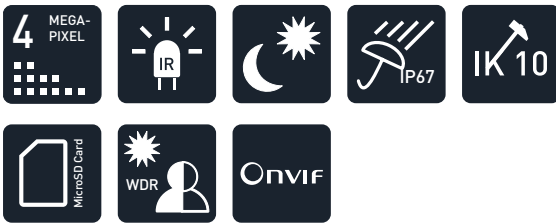
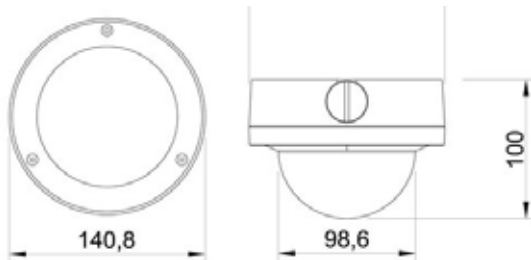|	
Image Sensor:	1/3" Progressive Scan CMOS
Pixels - Total:	2688(H) x 1520 (V)
Sensitivity Colour:	0.01 lux @ F1.2 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto/Timing/B&W/Color
Lens Focal Length:	2.8 mm
Horizontal Viewing Angle:	106°
Iris F-Number:	F 2.0
High Speed Shutter:	1/3 ~ 1/10.000 sec
IR LED:	10 pcs.
Max. IR Distance:	10 m
Wavelength:	850nm
BLC Back Light:	On/ Off/ Area/ Level
WDR:	120dB
Digital Noise Reduction:	3D-DNR, auto
White Balance:	Manual, AWB1, AWB2, Locked WB, Fluorescente lamp, Incandescent lamp, Warm light, Natural light
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
Video Text Overlay:	Text string (28 character), Subtitel (1 lines @ 44 character)
Privacy zones:	4 zones, rectangle
Video Compression:	H.264, MJPEG, H.264+
Video Streaming:	Dual stream: H.264 + H.264 or H.264 + MJPEG
Video Resolution:	Main: 2688x1520 (20/20fps), 2048x1536 (20/20fpsfps), 1920x1080 (25/30fps), 1280x720 (25/30fps), Sub: 1280x720(25/30fps), 640x480(25/30fps), 352x288(25/30fps), 320x240(25/30fps)
Bit Rate:	Mainstream: 32kbps~16384kbps, Substream: 32kbps~8192Mbps
Alarm Trigger:	Motion detection, Video Tampering, Alarm Input, Network disconnect, IP address conflict, Storage exception, Line crossing Detection, Intrusion detection
Network Protocol:	Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IEEE 802.1 X, IGMP, IPv4/IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
System Compatibility:	CGI, ONVIF, PSIA
ONVIF compliant:	Profile S, Profile G
Web Browser:	MS Internet Explorer 7.0 (or higher)
Security:	HTTPS, IP FILTER, IEEE802.1x, Admin/User account
SD memory:	supports up to 128 GB capacity of micro SD/SDHC/SDXC memory
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Protection Rating:	IP67, IK08
Operating Temperature:	-30°C ~ +60°C
Humidity:	less than 90%, non condensing
Supply Voltage:	PoE (IEEE 802.3af), 12VDC
Power Consumption (W):	5
Weight:	0.6 kg - 1.32 lbs
Dimensions:	120 x 55 mm - 4.72 x 2.17 In

4 MP Vandal Proof Fixed Dome Camera with IR LED WDR

- 4 Megapixel IP Camera with Full HD 1080P real time video
- Varifocal Lens: f = 2.8 - 12 mm
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- Vandal Resistant Dome (IK10)
- Weatherproof Outdoor Installation (IP67)
- Built in analytics function, motion detection, trip wire, intrusion detection, tamper detection
- 3 Axis Gimbal, to mount on Wall or Ceiling

Image Sensor:	1/3" Progressive Scan CMOS
Pixels - Total:	2688(H) x 1520 (V)
Sensitivity Colour:	0.01 lux @ F1.2 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto/Timing/B&W/Color
Lens Focal Length:	2.8 ~ 12 mm
Horizontal Viewing Angle:	112°(Wide) ~ 33.8°(Tele)
Iris F-Number:	F= 1.4
High Speed Shutter:	1/3 ~ 1/10.000 sec
IR LED:	24 pcs.
Max. IR Distance:	20/30m (according to scene reflexion)
Wavelength:	850nm
BLC Back Light:	On/ Off/ Area/ Level
WDR:	120dB
Digital Noise Reduction:	3D-DNR, auto
White Balance:	Manual, AWB1, AWB2, Locked WB, Fluorescente lamp, Incandescent lamp, Warm light, Natural light
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
Video Text Overlay:	Text string (28 character), Subtitel (1 lines @ 44 character)
Privacy zones:	4 zones, rectangle
Motion Detection:	On/Off (8 Zones)
Video Compression:	H.264, MJPEG, H.264+
Video Streaming:	Dual stream: H.264 + H.264 or H.264 + MJPEG
Video Resolution:	Main: 2688x1520 (20/20fps), 2048x1536 (20/20fpsfps), 1920x1080 (25/30fps), 1280x720 (25/30fps), Sub: 1280x720(25/30fps), 640x480(25/30fps), 352x288(25/30fps), 320x240(25/30fps)
Bit Rate:	Mainstream: 32kbps~16384kbps, Substream: 32kbps~8192Mbps
Alarm Trigger:	Motion detection, Tampering, Network disconnect, IP address conflict, Storage error, Line crossing Detection, Intrusion detection
Network Protocol:	Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IEEE 802.1 X, IGMP, IPv4/IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
System Compatibility:	CGI, ONVIF, PSIA
ONVIF compliant:	Profile S, Profile G
Web Browser:	MS Internet Explorer 7.0 (or higher)
Security:	HTTPS, IP FILTER, IEEE802.1x, Admin/User account
SD memory:	supports up to 128 GB capacity of micro SD/SDHC/SDXC memory
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Protection Rating:	IK10, IP67
Operating Temperature:	-30°C ~ +60°C
Humidity:	less than 90%, non condensing
Supply Voltage:	PoE (IEEE 802.3af), 12VDC
Power Consumption (W):	5.5
Weight:	1 kg - 2.2 lbs
Dimensions:	141 mm - 5.55 In

DIMENSIONS (mm)

140,8

98,6

100

ACCESSORIES

GAC-B0214B   GBR-FB10   GBR-CE04   GBR-WA09
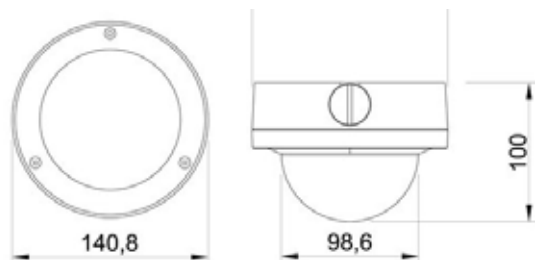
GBR-WA09J   GBR-CM04   GBR-PM04

GCI-L4687V

4 MP Vandal Proof Fixed Dome Camera with IR LED WDR

- 4 Megapixel IP Camera with real time video streaming
- Motorized Vario Focal lens
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- Vandal Resistant Dome (IK10)
- Weatherproof Outdoor Installation (IP67)
- Built in analytics function, motion detection, trip wire, intrusion detection, tamper detection
- 3 Axis Gimbal, to mount on Wall or Ceiling

Image Sensor:	1/3" Progressive Scan CMOS
Pixels - Total:	2688(H) x 1520 (V)
Sensitivity Colour:	0.01 lux @ F1.2 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto/Timing/B&W/Color
Lens Focal Length:	2.8~12 mm Motorized vario lens
Horizontal Viewing Angle:	112°(Wide) ~ 33.8°(Tele)
Iris F-Number:	F= 1.4
High Speed Shutter:	1/3 ~ 1/10.000 sec
IR LED:	24 pcs.
Max. IR Distance:	20/30m (according to scene reflexion)
Wavelength:	850nm
BLC Back Light:	On/ Off/ Area/ Level
WDR:	120dB
Digital Noise Reduction:	3D-DNR, auto
White Balance:	Manual, AWB1, AWB2, Locked WB, Fluorescente lamp, Incandescent lamp, Warm light, Natural light
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
Video Text Overlay:	Text string (28 character), Subtitel (1 lines @ 44 character)
Privacy zones:	4 zones, rectangle
Motion Detection:	On/Off (8 Zones)
Video Compression:	H.264, MJPEG, H.264+
Video Streaming:	Dual stream: H.264 + H.264 or H.264 + MJPEG
Video Resolution:	Main: 2688x1520 (20/20fps), 2048x1536 (20/20fpsfps), 1920x1080 (25/30fps), 1280x720 (25/30fps), Sub: 1280x720(25/30fps), 640x480(25/30fps), 352x288(25/30fps), 320x240(25/30fps)
Bit Rate:	Mainstream: 32kbps~16384kbps, Substream: 32kbps~8192Mbps
Alarm Trigger:	Motion detection, Tampering, Network disconnect, IP address conflict, Storage error, Line crossing Detection, Intrusion detection
Network Protocol:	Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IEEE 802.1 X, IGMP, IPv4/IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
System Compatibility:	CGI, ONVIF, PSIA
ONVIF compliant:	Profile S, Profile G
Web Browser:	MS Internet Explorer 7.0 (or higher)
Security:	HTTPS, IP FILTER, IEEE802.1x, Admin/User account
SD memory:	supports up to 128 GB capacity of micro SD/SDHC/SDXC memory
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Protection Rating:	IK10, IP67
Operating Temperature:	-30°C ~ +60°C
Humidity:	less than 90%, non condensing
Supply Voltage:	PoE (IEEE 802.3af), 12VDC
Power Consumption (W):	7.5
Weight:	1 kg - 2.2 lbs
Dimensions:	141 x 100 mm - 5.55 x 3.94 In

DIMENSIONS (mm)

140,8   98,6   100

ACCESSORIES

GAC-B0214B	GBR-FB10	GBR-CE04	GBR-WA09

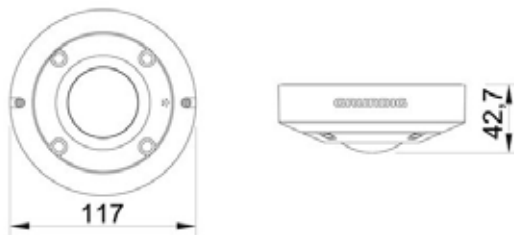| GBR-WA09J	GBR-CM04	GBR-PM04

GCI-M1566F

6 MP Fisheye Vandalproof Dome IP Camera with IR LED

- Rugged antivandal body made of die-cast aluminium with polycarbonate lower dome for outdoor application
- 6 Megapixels CMOS, Colour/B&W Camera
- 360° field of view
- Dewarping function Built-In
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- SDHC memory card slot for alarm and schedule image recording
- Ceiling or Wall Mount possibility

Image Sensor:	1/1.8" Sony Progressive Scan CMOS, 6 megapixel
Pixels - Total:	3072 x 2048
Sensitivity Colour:	0.04 Lux @ F2.0
Sensitivity B/W:	0.002 Lux @ F2.0
Col/B:	On/Off/SMART, IR-cut filter removable (ICR)
Lens Focal Length:	1.55 mm
Viewing Angle:	180° @ Full Resolution
Lens Drive Type:	Fixed Iris
Digital Zoom:	Yes
IR LED:	4 pcs.
IR Light Compensation:	On, Off
Max. IR Distance:	5/7 m (according to scene reflexion)
Wavelength:	850nm
Shutter Speed:	1 ~ 1/10.000 sec
PTZ Control:	digital Pan/Tilt/Zoom
WDR:	Off/Low/Middle/High
BLC Back Light:	On/Off
White Balance:	ATW, AWB, Manual, One Push
Privacy zones:	5 zones, rectangle
Schedule:	Daily, Weekly, Start Time and Duration
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Digital Noise Reduction:	2DNR: ON/OFF, 3DNR/ColorNR: Off/Low/Mid/High
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record to Micro SD Card
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	Backend (SW) Dewarp: 3072x2048,1920x1080, 1280x1024, 1280x720, 1024x768, 800x600, 720x576, 640x480, 352x288, 320x240, Edge Dewarp: 2048x2048, 2048x1536,1920x1080, 1600x1200,1408x1408, 960x960, 960x720, 960x544
Frame Rate (Max@Resolution):	25fps@6MP, 25fps@4MP, 25fps@3MP, 50fps@2MP, 50fps@1.3MP, etc.
Streaming Method:	Unicast, Multicast
Fisheye settings:	360°, 180°, Back- and Front End Dewarping
Frontend Dewarp function:	Yes, 2 Streams(4MP&2MP)
Back End Dewarp function:	Yes, 6MP, up to 4 Streams
Audio Compression:	G.726, G.711
Audio Communication:	Bi-directional
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Input/Output:	1/1
Alarm Trigger:	Alarm Input, Motion Detection, Network Failure detection, Tampering Alarm, Time lapse, Manual Trigger, Audio detection
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari
Number of Clients:	Up to 20 simultaneously
Network Protocol:	IPv4, IPv6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, 802.1X IEEE, SNMP, QOS, ARP
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
NAS Recording::	Yes
Recording Types::	on Micro SD/SDHC/SDXC CARD Single Image Recording (JPEG)Video(AVI, LCK)
LED Indicator:	Power, link, active
Input/Output sockets:	Micro Card slot, All in one cable: RJ45 Plug, 2 Pin Power Connector, 4 Pin Alarm I/O, Audio I/O 2 x mini jack plug
Firmware Upgrade:	Firmware upgrade by Web Browser
Configuration:	Upload & Download configuration on remote PC
Multi Language Webpage::	English, German, French, Italian, Russian
Video Text Overlay:	Text string (15 character), Subtitel (5 lines @ 16 character)
Mount:	Ceiling , wall
Protection Rating:	IP 66 / IK 10 (for metal casing)
Regulation:	CE, RoHS Compliant
Humidity:	10 ~ 90% no condensation
Operating Temperature:	-10°C ~ +55°C
Supply Voltage:	PoE (IEEE 802.3af), 12VDC
Power Consumption (W):	10
Weight:	0.5 kg - 1.1 lbs
Dimensions:	117 x 43 mm - 4.61 x 1.69 In

DIMENSIONS (mm)

117

42,7

ACCESSORIES

GBR-WA07   GBR-IC07

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS
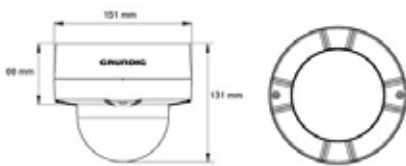
MONITORS

ACCESSORIES

GCI-N0586V

8 MP Ultra HD AV Dome IP-Camera 3.5~8mm motor. lens P-Iris ICR IR LED

- 4K Resolution for super detailed images
- Motorized Vario Focal lens (Zoom & Focus), P- Iris
- Infrared Power LED for wide angle and long distance IR
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- New connection technology
- ONVIF Profile S compliant for maximum compatibility with VMS
- SD/SDHC/SDXC memory card slot for alarm and schedule image recording
- Easy cable management in the upper dome no external connection box necessary
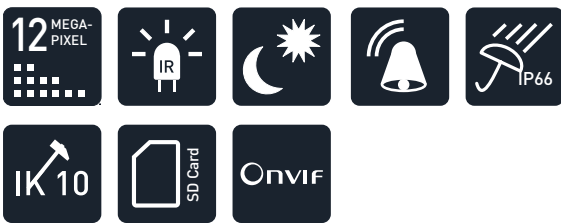
DIMENSIONS (mm)

ACCESSORIES

GHO-M028	GBR-WA02	GBR-PM01	GBR-CM01

GBR-CE01	GBR-AM02	GAC-B1514A	GAC-B0114A

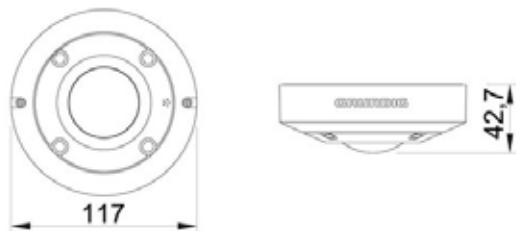|	
Image Sensor:	1/1.7" Sony Progressive CMOS 12 MP
Pixels - Total:	3840(H) x 2160(V)
Sensitivity Colour:	0.5 Lux@F1.2 (IRE50), 0.2 Lux@F1.2 (IRE30)
Sensitivity B/W:	0.1 Lux@F1.2 (IRE50), 0.02 Lux@ F1.2 (IRE30)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Focal Length:	3.5 ~ 8 mm
Iris F-Number:	F= 1.45 ~ 360C
Lens Drive Type:	Motorized Zoom & Focus, P- Iris
Horizontal Viewing Angle:	116° (Wide) ~ 52° (Tele)
Digital Zoom:	Off/1 ~ 10x
Shutter Speed:	1 ~ 1/10.000 sec
IR LED:	6 pcs., 95° illumination angle
Max. IR Distance:	40 m
Wavelength:	850nm
BLC Back Light:	On/Off
WDR:	72dB (Digital Wide Dynamic Range) Off/Low/Middle/High
White Balance:	ATW, AWB, Manual, One Push
Privacy zones:	5 zones, rectangle
DIS: Digital Image Stabilization:	yes
Digital Noise Reduction:	2DNR: ON/OFF, 3DNR/ColorNR: Off/Low/Mid/High
Video Text Overlay:	Text string (15 character), Subtitel (5 lines @ 16 character)
Motion Detection:	On, Off, by Schedule
Alarm Trigger:	Alarm Input, Motion Detection, Network Failure detection, Tampering Alarm, Time lapse, Manual Trigger, Audio detection
Schedule:	Daily, Weekly, Start Time and Duration
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record to Micro SD Card
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	8MP(3840x2160)/,5,7MP(3200x1800)/Full HD 1080p/SXGA/HD720p/XGA/SVGA/4CIF/VGA/CIF/QVGA
Frame Rate (Max@Resolution):	25fps@8MP, 25fps@5,7MP, 50fps@2MP, 50fps@1,3MP,50fps@HD720p, 50fps@XGA, etc.
Streaming Method:	Unicast, Multicast
Audio Compression:	G.711, G.726
Audio Communication:	Bi-directional
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Input/Output:	1/1
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
NAS Recording::	Yes
Recording Types::	on Micro SD/SDHC CARD: Single Image Recording (JPEG), Video(AVI, LCK) on NAS: Video (AVI)
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari, Access over Mobile Devices
Network Protocol:	ARP, DHCP, FTP, HTTP, HTTPS, ICMP, IEEE 802.1 X, IGMP, IPv4/IPv6, ONVIF, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
Firmware Upgrade:	by Web Browser or Grundig finder (from ver.1.17)
Configuration:	Upload & Download configuration on remote PC
Multi Language Webpage::	English, German, French, Italian, Russian
LED Indicator:	Power, link, active
Video Outputs:	1Vpp, BNC
Input/Output sockets:	RJ-45 female connector, Micro SD Card Slot, Multicable with Video Out(BNC), Power(2-Pin Term), 9-Pin Terminal block (Alarm IN 2-Pin, Alarm Out 2-Pin), (Audio IN 2-Pin, Audio Out 2-Pin)
Operating Humidity:	10% ~ 90%, non-condensing
Regulation:	CE, RoHS Compliant
Operating Temperature:	-25°C ~ +55°C
Supply Voltage:	12 VDC / 24 VAC, PoE (IEEE 802.3af)
Power Consumption (W):	12.4 (LED ON)
Weight:	0.5 kg - 1.1 lbs
Dimensions:	151 x 128 mm - 5.94 x 5.04 In

GCI-R1667F

12 MP Fisheye Vandalproof Dome IP Camera with IR LED

- 12 Megapixels CMOS, Colour/B&W Camera
- 360° field of view
- Rugged antivandal body made of die-cast aluminium with polycarbonate lower dome for outdoor application
- Dewarping function Built-In
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- SDHC memory card slot for alarm and schedule image recording

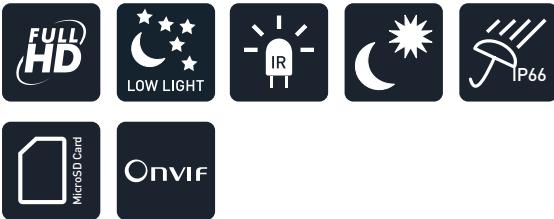## DIMENSIONS (mm)

ACCESSORIES

GBR-WA07   GBR-IC07

Image Sensor:	1/1.7" Sony Progressive CMOS 12 MP
Pixels - Total:	4000(H) x 3000(V)
Sensitivity Colour:	0. 01Lux/F2.8
Sensitivity B/W:	0.01 lux @ F2.8
Col/B:	On/Off/SMART, IR-cut filter removable (ICR)
Lens Focal Length:	1.65 mm
Viewing Angle:	190° @ Full Resolution
Iris F-Number:	F 2.8
Lens Drive Type:	Fixed Iris
Digital Zoom:	Yes
IR LED:	4 pcs.
IR Light Compensation:	On, Off
Max. IR Distance:	5 m
Wavelength:	850nm
Shutter Speed:	1 ~ 1/10.000 sec
PTZ Control:	digital Pan/Tilt/Zoom
WDR:	On/Off
BLC Back Light:	On/Off
White Balance:	ATW, AWB, Manual, One Push
Privacy zones:	5 zones, rectangle
Motion Detection:	On, Off, by Schedule
Schedule:	Daily, Weekly, Start Time and Duration
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Digital Noise Reduction:	2DNR: ON/OFF, 3DNR/ColorNR: Off/Low/Mid/High
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record to Micro SD Card
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	Backend Dewarping: H.264 - 12M (4000 x 3000) / 8M (3840 x 2160) / 6M (3072 x 2048) / Full HD 1080p / SXGA / HD 720p / XGA / SVGA / D1 / VGA / CIF / QVGA MJPEG - Full HD 1080p / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA, Edge Dewarping: H.264 - 2048x2048 / 2688x1520 / 2048x1536 / 1920x1080 / 1600x1200 / 1408x1408 / 960x960 / 960x720 / 960x554 MJPEG - 1920x1080 / 1600x1200 / 1408x1408 / 960x960 / 960x720 / 960x554
Frame Rate (Max@Resolution):	max.: H.264 12MP (4000x3000)@20fps, 4K(3840x2160)@24fps, 6MP(3200x1800)@25/30fps, 1080p@50/60fps, MJPEG 1080p@50/60fps
Streaming Method:	Unicast, Multicast
Fisheye settings:	360°, 180°, Back- and Front End Dewarping
Frontend Dewarp function:	Dual Streaming: H.264 (2048x2048)@20fps + H.264 1080P@20fps, H.264 (1408x1408)@25/30fps + H.264 1080p@25/30fps, H.264/MJPEG 1080p@50/60fps + H.264/MJPEG 1080p@25/30fps
Back End Dewarp function:	Single Streaming: max.: H.264 12MP (4000x3000)@20fps, 4K(3840x2160)@24fps, 6MP(3200x1800)@25/30fps, 1080p@50/60fps, MJPEG 1080p@50/60fps , Dual Streaming: max.: H.264 12MP (4000x3000)@15fps + 1080p@15fps, H.264 4K(3840x2160)@20fps + 1080p@20fps, H.264 6MP(3200x1800)@25/30fps + 720p@25/30fps, H.264/MJPEG 1080p@50/60fps + H.264/MJPEG 1080p@25/30fps
Audio Input/Output:	Line In/Line Out (two way Audio)
Audio Compression:	G.726, G.711
Audio Communication:	Bi-directional
Alarm Input/Output:	1/1
Alarm Trigger:	Alarm Input, Motion Detection, Network Failure detection, Tampering Alarm, Time lapse, Manual Trigger, Audio detection
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari
Number of Clients:	Up to 20 simultaneously
Network Protocol:	IPv4, IPv6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, 802.1X IEEE, SNMP, QOS, ARP
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
NAS Recording::	Yes
Recording Types::	on Micro SD/SDHC/SDXC CARD Single Image Recording (JPEG)Video(AVI, LCK)
LED Indicator:	Power, link, active
Input/Output sockets:	Micro Card slot, All in one cable: RJ45 Plug, 2 Pin Power Connector, 4 Pin Alarm I/O, Audio I/O 2 x mini jack plug
Firmware Upgrade:	Firmware upgrade by Web Browser
Configuration:	Upload & Download configuration on remote PC
Multi Language Webpage::	English, German, French, Italian, Russian
Video Text Overlay:	Text string (15 character), Subtitel (5 lines @ 16 character)
Mount:	Ceiling , wall
Protection Rating:	IP 66 / IK 10 (for metal casing)
Regulation:	CE, RoHS Compliant
Humidity:	10 ~ 90% no condensation
Operating Temperature:	-10°C ~ +50°C
Supply Voltage:	PoE (IEEE 802.3af), 12VDC
Power Consumption (W):	7.1
Weight:	0.330 kg - 0.73 lbs
Dimensions:	117 x 43 mm - 4.61 x 1.69 In

GCI-K1577TH

2 MP Full HD Integrated IP-Camera 3~8mm Mzoom Ultra Low Light

- Ultra low light camera
- EXMOR™ sensor for low light sensitivity, XARINA™ DSP for advanced features
- WDR (Wide Dynamic Range) for extreme backlight situations
- 3 Way Axis cable management bracket, wall mountable
- Weatherproof Outdoor Installation (IP66)
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- ONVIF Profile S compliant for maximum compatibility with VMS

DIMENSIONS (mm)

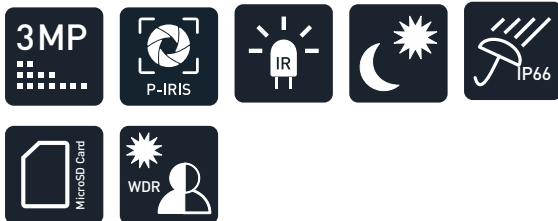## ACCESSORIES

GBR-JB01W   GBR-JB02P

Image Sensor:	1/1.9" ExmorRS™ Sensor
Pixels - Total:	1920(H) x 1080(V)
Digital Signal Processor (DSP):	Sony Xarina Solution
Sensitivity Colour:	0.01 Lux@F1.5(IRE30), 0.05 Lux@F1.5(IRE50)
Sensitivity B/W:	0.0005 Lux@F1.5 (IRE30), 0.005 Lux@ F1.5 (IRE50)
Lens Drive Type:	Motorized Zoom & Focus
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Focal Length:	3.3 ~ 8 mm
Horizontal Viewing Angle:	115° (Wide) ~ 56° (Tele)
Optical Zoom Ratio:	x 2.4
Digital Zoom:	Off/2 ~ 16x
Iris F-Number:	F= 1.5 ~ 360
Focus Adjustment:	One-Shot AF / Manual
IR LED:	24 pcs.
Max. IR Distance:	20/30m (according to scene reflexion)
Wavelength:	850nm
Shutter Speed:	1 ~ 1/10.000 sec
WDR:	120dB
BLC Back Light:	On/Off
White Balance:	AWB, Auto no boundery,ATW, Indoor, Outdoor, Manual
DIS: Digital Image Stabilization:	yes
Privacy zones:	5 zones, rectangle
Alarm Trigger:	Alarm Input, Motion Detection, Network Failure detection, Tampering Alarm, Time lapse, Manual Trigger
Motion Detection:	On, Off, by Schedule
Tampering Alarm:	On, Off, by Schedule
Time Lapse:	Off, On (60~3600s)
Schedule:	Single Day or Week, Time (Start, Duration), DAY or NIGHT Mode
Network failure detection:	On, Off, by Schedule
Manual Trigger:	On, Off
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
Digital Noise Reduction:	2DNR/3DNR: Off/Low/Mid/High
Camera ID:	15 character, 1 lines
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record to Micro SD Card
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	Full HD 1080p/ SXGA/ HD 720p/ XGA/SVGA/ D1/ VGA/ CIF/ QCIF
Frame Rate (Max@Resolution):	50/60fps@2MP, 25/30fps@2MP, 50/60fps@1,3MP, 25/30fps@1,3MP, etc.
Streaming Method:	Unicast, Multicast
Network Protocol:	ARP, DHCP, FTP, HTTP, HTTPS, ICMP, IEEE 802.1 X, IGMP, IPv4/IPv6, ONVIF, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
Audio Compression:	G.711, G.726
Firmware Upgrade:	by Web Browser or Grundig finder (from ver.1.17)
Audio Communication:	Bi-directional
Configuration:	by web interface
Multi Language Webpage::	English, German, French, Italian, Russian, Turkish
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Input/Output:	1/1
Recording Types::	on Micro SD/SDHC CARD Single Image Recording (JPEG)Video(AVI)
Web Browser:	MS Internet Explorer 6.0 (or higher)
NAS Recording::	Yes
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Video Outputs:	Test Monitor Output
LED Indicator:	Power, link, active
Input/Output sockets:	Power(Terminal 3-Pin), RJ-45, Micro SD Card Slot, Alarm Terminal 4-Pin(Alarm In 2-Pin, Alarm Out 2-Pin), Audio IN Stereo phone jack Ø3,5mm, Audio Out Stereo phone jack Ø3,5mm
Protection Rating:	IP66
Regulation:	CE, RoHS Compliant
Humidity:	10 ~ 90% no condensation
Operating Temperature:	-40°C ~ +50°C
Supply Voltage:	24 Vac, PoE+ (IEEE 802.3at)
Power Consumption (W):	max. 20
Weight:	1 kg - 2.2 lbs
Dimensions:	95 x 274 mm - 3.74 x 10.79 In

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GCI-F0576TH-1

3 MP Full HD Integrated IP-Cam 3~9mm AFZ Modul P-Iris ICR IR LED

- 3 Megapixel IP Camera with Full HD 1080P real time video streaming
- Tamron P-Iris lens with Auto Focus Zoom Modul, for easy and precise remote settings
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- Weatherproof Outdoor Installation (IP66)
- ONVIF Profile S protocol support, the most open Ip camera standard
- Bidirectional Audio Support

DIMENSIONS (mm)

ACCESSORIES

GBR-JB01W   GBR-JB02P

Image Sensor:	1/2.8" Sony Exmor™ CMOS, 3 Megapixel
Pixels - Total:	2048 (H) x 1536 (V)
Sensitivity Colour:	0.04 Lux @ F1.7 (IRE30)
Sensitivity B/W:	0.002 Lux@F1.7 (IRE30)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Focal Length:	3 ~ 9 mm
Horizontal Viewing Angle:	107° (Wide) ~ 38° (Tele)
Optical Zoom Ratio:	x 3
Digital Zoom:	Off/1 ~ 10x
Iris F-Number:	F= 1.7 ~ 360
Lens Drive Type:	Tamron® Auto-Focus-Zoom Module, P-Iris
Focus Adjustment:	Auto, Manual
IR LED:	6 pcs., 95° illumination angle
Max. IR Distance:	40 m
Wavelength:	850nm
Shutter Speed:	1 ~ 1/10.000 sec
WDR:	120dB
BLC Back Light:	On/Off
White Balance:	ATW, AWB, Manual, One Push
Digital Noise Reduction:	2DNR: ON/OFF, 3DNR/ColorNR: Off/Low/Mid/High
Motion Detection:	On, Off, by Schedule
Alarm Input:	On, Off, by Schedule
Tampering Alarm:	On, Off, by Schedule
Time Lapse:	Off, On (60~3600s)
Manual Trigger:	On, Off
Audio detection:	Off, On
Schedule:	Single Day or Week, Time (Start, Duration), DAY or NIGHT Mode
Camera ID:	20 character
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Privacy zones:	5 zones, rectangle
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Alarm Event:	Alarm Input, Motion Detection or Schedule: Image transfer or alarm message by FTP, Image transfer or alarm message by E-mail, recording on SD-card and enable alarm output
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	2048x1536 (30/25fps), 1920x1080 (30/25fps), 1280x1024 (30/25fps), 1280x720 (30/25fps),etc.
Frame Rate (Max@Resolution):	H.264: 30fps@3MP, 30fps@2MP, 30fps@1,3MP, etc. MJPEG: 30fps@2MP, 30fps@1,3MP, etc.
Streaming Method:	Unicast, Multicast
Audio Compression:	G.726, G.711
Audio Communication:	Bi-directional
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Input/Output:	1/1
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
NAS Recording::	Yes
Recording Types::	on Micro SD/SDHC CARD: Single Image Recording (JPEG), Video(AVI, LCK) on NAS: Video (AVI)
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari, Access over Mobile Devices
Network Protocol:	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, SMTP, ICMP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF, FTP, ARP
Firmware Upgrade:	Firmware upgrade by Web Browser or Grundig finder ver.1.17
Configuration:	by web interface
Multi Language Webpage::	English, German, French, Italian, Russian, Turkish
LED Indicator:	Power, link, active
Input/Output sockets:	Video Out(BNC), Power(2-Pin Term), RJ-45, Micro SDHC Card Slot, Alarm Terminal 5-Pin (Alarm In 3-Pin, Alarm Out 2-Pin), Audio (2 mini Jack 3.5mm)
Protection Rating:	IP66
Operating Temperature:	-40°C ~ +55°C
Operating Humidity:	10% ~ 90%, non-condensing
Regulation:	CE, RoHS Compliant
Supply Voltage:	12 VDC / 24 VAC, PoE+ (IEEE 802.3at)
Power Consumption (W):	max. 24
Weight:	1 kg - 2.2 lbs
Dimensions:	95 x 274 mm - 3.74 x 10.79 In

GCI-F0587TH

3 MP Full HD Integrated IP-Cam 9~22mm AFZ Modul ICR IR LED WDR

- 3 Megapixel IP Camera with Full HD 1080P real time video streaming
- Motorized Vario Focal lens
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- Weatherproof Outdoor Installation (IP66)
- Bidirectional Audio Support

DIMENSIONS (mm)

ACCESSORIES

GBR-JB01W   GBR-JB02P
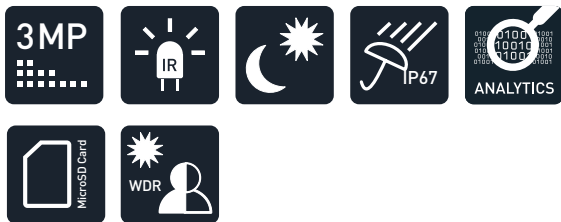
IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

Image Sensor:	1/2.8" Sony Exmor™ CMOS, 3 Megapixel
Pixels - Total:	2048 (H) x 1536 (V)
Sensitivity Colour:	0.3 lux @ 50IRE F1.65, 0,0004 lux sens up 512x
Sensitivity B/W:	0.07 lux @ 50IRE F1.65, 0.0001 lux Sens-Up 512x
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Focal Length:	9 ~ 22 mm
Horizontal Viewing Angle:	33° (Wide) ~ 14° (Tele)
Digital Zoom:	Off ~ 8x
Iris F-Number:	F= 1.6 ~ 360
Lens Drive Type:	Auto iris (DC), Motorized Zoom & Focus
Focus Adjustment:	Auto, Manual
IR LED:	6 pieces high efficiency PWM
Max. IR Distance:	40/50 m (according to scene reflexion)
Wavelength:	850nm
Shutter Speed:	1 ~ 1/10.000 sec
WDR:	120dB
BLC Back Light:	On/Off
White Balance:	ATW, AWB, Manual, Push, ATW, AWB, Manual, One Push
Digital Noise Reduction:	On/off 2D/3D Noise Filter
Motion Detection:	On, Off, by Schedule
Alarm Input:	On, Off, by Schedule
Tampering Alarm:	On, Off, by Schedule
Time Lapse:	Off, On (60~3600s)
Manual Trigger:	On, Off
Audio detection:	Off, On
Schedule:	Single Day or Week, Time (Start, Duration), DAY or NIGHT Mode
Camera ID:	20 character
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Privacy zones:	5 zones, rectangle
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Alarm Event:	Alarm Input, Motion Detection or Schedule: Image transfer or alarm message by FTP, Image transfer or alarm message by E-mail, recording on SD-card and enable alarm output
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	2048x1536 (30/25fps), 1920x1080 (30/25fps), 1280x1024 (30/25fps), 1280x720 (30/25fps),etc.
Frame Rate (Max@Resolution):	25fps@3MP, 25fps@2MP, 25fps@1,3MP, etc.
Streaming Method:	Unicast, Multicast
Audio Compression:	G.726, G.711
Audio Communication:	Bi-directional
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Input/Output:	1/1
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
NAS Recording::	Yes
Recording Types::	on Micro SD/SDHC CARD: Single Image Recording (JPEG), Video(AVI, LCK) on NAS: Video (AVI)
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari, Access over Mobile Devices
Network Protocol:	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, SMTP, ICMP, IGMP, SNMP, IEEE802.1x, QoS, ONVIF, FTP, ARP
Firmware Upgrade:	Firmware upgrade by Web Browser or Grundig finder ver.1.17
Configuration:	by web interface
Multi Language Webpage::	English, German, French, Italian, Russian, Turkish
LED Indicator:	Power, link, active
Input/Output sockets:	Video Out(BNC), Power(3-Pin Term), RJ-45, Micro SDHC Card Slot, Alarm Terminal 4-Pin (Alarm In 2-Pin, Alarm Out 2-Pin), Audio (2 mini Jack 3.5mm)
Protection Rating:	IP66
Operating Temperature:	-40°C ~ +55°C
Operating Humidity:	10% ~ 90%, non-condensing
Regulation:	CE, RoHS Compliant
Supply Voltage:	PoE (IEEE 802.3af), 12 VDC / 24 VAC
Power Consumption (W):	max. 24
Weight:	1 kg - 2.2 lbs
Dimensions:	95 x 274 mm - 3.74 x 10.79 In

GCI-F4687T

3MP Intelligent IP Bullet Outdoor Camera with IR LED, WDR

- Motorized Vario Focal lens (Zoom & Focus), DC Iris
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- WDR (Wide Dynamic Range) for extreme backlight situations
- Embedded analytics: face detection, audio detection, advanced motion, tampering
- IR LEDs Integrated with Smart-IR Control
- ONVIF protocol support

ACCESSORIES

GBR-JB03W   GBR-PM04   GBR-CM04

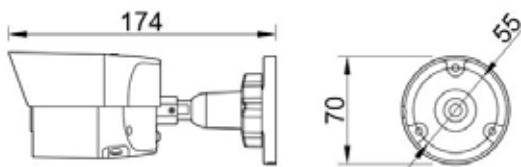|	
Image Sensor:	1/2.8" Progressive Scan CMOS
Pixels - Total:	2048 (H) x 1536 (V)
Sensitivity Colour:	0.05 Lux@F1.4
Sensitivity B/W:	0.005 lux@F1.4
Shutter Speed:	1/3 ~ 1/100,000 sec
Col/B:	Auto, IR-cut filter removable (ICR)
Lens Focal Length:	2.8 ~ 12 mm
Iris F-Number:	F= 1.2 ~ 360
Lens Drive Type:	Motorized Zoom & Focus, Manual iris
Horizontal Viewing Angle:	94.5° (Wide) ~ 30.5° (Tele)
IR LED:	4 pcs. Extrem Led's
Max. IR Distance:	50 m
BLC Back Light:	On/Off, Area
WDR:	120dB
Digital Noise Reduction:	3D-DNR, auto
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
AGC:	Adjustable
White Balance:	Auto/Off
Privacy zones:	4 zones, rectangle
Intelligent Video Analytics:	Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection, network disconnect, IP address conflict, storage exception
Image settings:	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
OSD:	Yes
Video Compression:	H.264, MJPEG, H.264+
Video Streaming:	Triple Stream, H.264 and MJPEG
Video Resolution:	Main: 2048x1536 (45fps), 1920x1080 (50/60fps), 1280x960 (50/60fps), 1280x720 (50/60fps), Sub: 704x576(50/60fps), 640x480(50/60fps), 352x288(50/60fps), Third Stream: 2048x1536 (50/60fps), 1920x1080 (50/60fps), 1280x960 (50/60fps), 1280x720 (50/60fps), 704x5076 (50/60fps), 352x288(50/60fps)
Network Streaming:	TCP, UDP (Unicast, Multicast)
Bit Rate:	Mainstream: 256kbps~16384kbps, Substream: 32kbps~8192Mbps, Third Stream: 256kbps~16384kbps
Audio Compression:	G.711 (64kbps) / G.726 (16kbps) / MP2L2
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Trigger:	Motion detection, Tampering, Network disconnect, Alarm Input, IP address conflict, Storage error, Intelligent video analytics, Audio detection, Time lapse
Network Protocol:	DHCP, TCP/IP, RTP, NTP, PPPoE, HTTP, RTSP, UPnP, SNMP, HTTPS, DNS, IPv4/IPv6, DDNS, IGMP, QoS, RTCP, IEEE 802.1 X, ICMP, Bonjour
System Compatibility:	CGI, ONVIF, PSIA
ONVIF compliant:	Profile S, Profile G
Web Browser:	MS Internet Explorer 7.0 (or higher)
Security:	HTTPS, IP FILTER, IEEE802.1x, Admin/User account
Firmware Upgrade:	Firmware upgrade by Web Browser
Alarm Input/Output:	1/1
Video Outputs:	1Vpp, BNC
SD memory:	supports up to 128 GB capacity of micro SD/SDHC/SDXC memory
Recording:	H.264, Image Capture (Time-Lapse), JPEG format, Support NAS Server
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Protection Rating:	IP67
Operating Temperature:	-30°C ~ +60°C
Humidity:	less than 90%, non condensing
Supply Voltage:	PoE (IEEE 802.3af), 12VDC
Dimensions (W x H x D):	104 x 100 x 312 mm - 4.09 x 3.94 x 12.28 In:
Power Consumption (W):	12
Weight:	2.00 kg - 4.41 lbs

GCI-L4617T

4 MP Mini Bullet Outdoor Camera with IR LEDs WDR

- 4 Megapixel IP Camera with Full HD 1080P real time video
- H.264 & MJPEG compression modes
- Lens: f = 4 mm, 83°
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- Weatherproof Outdoor Installation (IP67)
- Built in analytics function, motion detection, trip wire, intrusion detection, tamper detection

DIMENSIONS (mm)

174

55

70

ACCESSORIES

GBR-JB03W

Image Sensor:	1/3" Progressive Scan CMOS
Pixels - Total:	2688(H) x 1520 (V)
Sensitivity Colour:	0.01 lux @ F1.2 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto/Timing/B&W/Color
Lens Focal Length:	4 mm
Horizontal Viewing Angle:	83°
Iris F-Number:	F 2.0
High Speed Shutter:	1/3 ~ 1/10.000 sec
IR LED:	30 pcs.
Max. IR Distance:	up to 30m
Wavelength:	850nm
BLC Back Light:	On/ Off/ Area/ Level
WDR:	120dB
Digital Noise Reduction:	3D-DNR, auto
White Balance:	Manual, AWB1, AWB2, Locked WB, Fluorescente lamp, Incandescent lamp, Warm light, Natural light
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
Video Text Overlay:	Text string (28 character), Subtitel (1 lines @ 44 character)
Privacy zones:	4 zones, rectangle
ROI encoding:	Support
Video Compression:	H.264, MJPEG, H.264+
Video Streaming:	Dual stream: H.264 + H.264 or H.264 + MJPEG
Video Resolution:	Main: 2688x1520 (20/20fps), 2048x1536 (20/20fpsfps), 1920x1080 (25/30fps), 1280x720 (25/30fps), Sub: 1280x720(25/30fps), 640x480(25/30fps), 352x288(25/30fps), 320x240(25/30fps)
Bit Rate:	Mainstream: 32kbps~16384kbps, Substream: 32kbps~8192Mbps
Alarm Trigger:	Motion detection, Tampering, Network disconnect, IP address conflict, Storage error, Line crossing Detection, Intrusion detection
Network Protocol:	Bonjour, CGI, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IEEE 802.1 X, IGMP, IPv4/IPv6, NTP, ONVIF, PPPoE, PSIA, QoS, RTCP, RTP, RTSP, SNMP, TCP/IP, UPnP
System Compatibility:	CGI, ONVIF, PSIA
ONVIF compliant:	Profile S, Profile G
Web Browser:	MS Internet Explorer 7.0 (or higher)
Security:	HTTPS, IP FILTER, IEEE802.1x, Admin/User account
Network Interface:	1x 10/100/1000 Base T/TX (RJ-45)
Protection Rating:	IP67
Operating Temperature:	-30°C ~ +60°C
Humidity:	less than 90%, non condensing
Supply Voltage:	PoE (IEEE 802.3af), 12VDC
Power Consumption (W):	5
Weight:	0.5 kg - 1.1 lbs
Dimensions:	70 x 171 mm - 2.76 x 6.73 In

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS
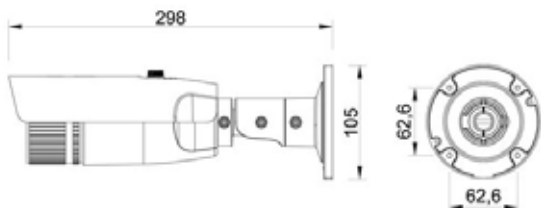
MONITORS

ACCESSORIES

GCI-L4627T

4 MP Bullet Outdoor Camera with IR LEDs WDR

- 4 Megapixel IP Camera with Full HD 1080P real time video
- H.264 & MJPEG compression modes
- Varifocal Lens: f = 2.8 - 12 mm
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- Weatherproof Outdoor Installation (IP67)
- Built in analytics function, motion detection, trip wire, intrusion detection, tamper detection

DIMENSIONS (mm)

ACCESSORIES

GBR-JB03W   GBR-CM04   GBR-PM04

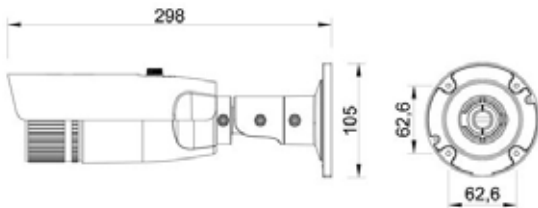|	
Image Sensor:	1/3" Progressive Scan CMOS
Pixels - Total:	2688(H) x 1520 (V)
Sensitivity Colour:	0.01 lux @ F1.2 (AGC ON), 0.014 lux @ F1.4 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto/Timing/B&W/Color
Lens Focal Length:	2.8 ~ 12 mm
Horizontal Viewing Angle:	112°(Wide) ~ 33.8°(Tele)
Iris F-Number:	F= 1.4
High Speed Shutter:	1/3 ~ 1/10.000 sec
IR LED:	42 pcs.
Max. IR Distance:	30 m
Wavelength:	850nm
BLC Back Light:	On/ Off/ Area/ Level
WDR:	120dB
Digital Noise Reduction:	3D-DNR, auto
White Balance:	Manual, AWB1, AWB2, Locked WB, Fluorescente lamp, Incandescent lamp, Warm light, Natural light
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
Video Text Overlay:	Text string (28 character), Subtitel (1 lines @ 44 character)
Privacy zones:	4 zones, rectangle
Video Compression:	H.264, MJPEG, H.264+
Video Streaming:	Dual stream: H.264 + H.264 or H.264 + MJPEG
Video Resolution:	Main: 2688x1520 (20/20fps), 2048x1536 (20/20fpsfps), 1920x1080 (25/30fps), 1280x720 (25/30fps), Sub: 1280x720(25/30fps), 640x480(25/30fps), 352x288(25/30fps), 320x240(25/30fps)
Bit Rate:	Mainstream: 32kbps~16384kbps, Substream: 32kbps~8192Mbps
Alarm Trigger:	Motion detection, Tampering, Network disconnect, IP address conflict, Storage error, Line crossing Detection, Intrusion detection
Network Protocol:	Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IEEE 802.1 X, IGMP, IPv4/IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
System Compatibility:	CGI, ONVIF, PSIA
ONVIF compliant:	Profile S, Profile G
Web Browser:	MS Internet Explorer 7.0 (or higher)
Security:	HTTPS, IP FILTER, IEEE802.1x, Admin/User account
SD memory:	supports up to 128 GB capacity of micro SD/SDHC/SDXC memory
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Protection Rating:	IP67
Operating Temperature:	-30°C ~ +60°C
Humidity:	less than 90%, non condensing
Supply Voltage:	PoE (IEEE 802.3af), 12VDC
Power Consumption (W):	7.5
Weight:	1.2 kg - 2.65 lbs
Dimensions:	105 x 298 mm - 4.13 x 11.73 In

GCI-L4687T

4MP Bullet Outdoor Camera with IR LEDs, WDR

- 4 Megapixel IP Camera with real time video streaming
- H.264 & MJPEG compression modes
- Motorized Vario Focal lens
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- Weatherproof Outdoor Installation (IP67)
- Built in analytics function, motion detection, trip wire, intrusion detection, tamper detection

DIMENSIONS (mm)

298 | 105 | 62,6 | 62,6

ACCESSORIES

GBR-JB03W   GBR-CM04   GBR-PM04

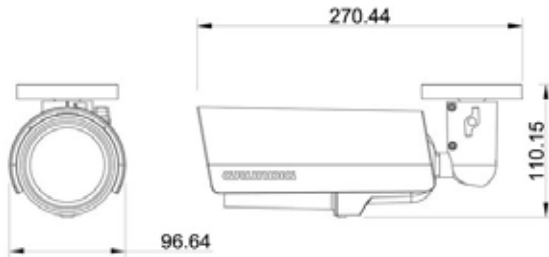|	
Image Sensor:	1/3" Progressive Scan CMOS
Pixels - Total:	2688(H) x 1520 (V)
Sensitivity Colour:	0.01 lux @ F1.2 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto/Timing/B&W/Color
Lens Focal Length:	2.8~12 mm Motorized vario lens
Horizontal Viewing Angle:	112°(Wide) ~ 33.8°(Tele)
Iris F-Number:	F= 1.4
Iris Operation:	Auto iris (DC)
High Speed Shutter:	1/3 ~ 1/10.000 sec
IR LED:	42 pcs.
Max. IR Distance:	30 m
Wavelength:	850nm
BLC Back Light:	On/ Off/ Area/ Level
WDR:	120dB
Digital Noise Reduction:	3D-DNR, auto
White Balance:	Manual, AWB1, AWB2, Locked WB, Fluorescente lamp, Incandescent lamp, Warm light, Natural light
Reverse:	Normal, Flip, Mirror, Vertical Mode, 180°
Video Text Overlay:	Text string (28 character), Subtitel (1 lines @ 44 character)
Privacy zones:	4 zones, rectangle
Video Compression:	H.264, MJPEG, H.264+
Video Streaming:	Dual stream: H.264 + H.264 or H.264 + MJPEG
Video Resolution:	Main: 2688x1520 (20/20fps), 2048x1536 (20/20fpsfps), 1920x1080 (25/30fps), 1280x720 (25/30fps), Sub: 1280x720(25/30fps), 640x480(25/30fps), 352x288(25/30fps), 320x240(25/30fps)
Bit Rate:	Mainstream: 32kbps~16384kbps, Substream: 32kbps~8192Mbps
Alarm Trigger:	Motion detection, Tampering, Network disconnect, IP address conflict, Storage error, Line crossing Detection, Intrusion detection
Network Protocol:	Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IEEE 802.1 X, IGMP, IPv4/IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
System Compatibility:	CGI, ONVIF, PSIA
ONVIF compliant:	Profile S, Profile G
Web Browser:	MS Internet Explorer 7.0 (or higher)
Security:	HTTPS, IP FILTER, IEEE802.1x, Admin/User account
SD memory:	supports up to 128 GB capacity of micro SD/SDHC/SDXC memory
Network Interface:	1x 10/100 Base T/TX (RJ-45)
Protection Rating:	IP67
Operating Temperature:	-30°C ~ +60°C
Humidity:	less than 90%, non condensing
Supply Voltage:	PoE (IEEE 802.3af), 12VDC
Dimensions (W x H x D):	95 x 105 x 259 mm - 3.74 x 4.13 x 10.2 In:
Power Consumption (W):	7.5
Weight:	1.2 kg - 2.65 lbs

8 MP Ultra HD Integrated IP-Camera 3.5~8mm motor. lens P-Iris ICR IR LED

- 4K Resolution for super detailed images
- Motorized Vario Focal lens (Zoom & Focus), P- Iris
- Infrared Power LED for wide angle and long distance IR
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- ONVIF Profile S compliant for maximum compatibility with VMS
- SD/SDHC/SDXC memory card slot for alarm and schedule image recording
- Weatherproof Outdoor Installation (IP66)

DIMENSIONS (mm)

270.44

110.15

96.64

ACCESSORIES

GBR-JB01W   GBR-JB02P

Image Sensor:	1/1.7" Sony Progressive CMOS 12 MP
Pixels - Total:	3840(H) x 2160(V)
Sensitivity Colour:	0.05 Lux@F1.45(IRE30), 0.5 Lux@F1.45(IRE50)
Sensitivity B/W:	0.005 Lux@F1.45(IRE30), 0.05 Lux@F1.45(IRE50)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Focal Length:	3.5 ~ 8 mm
Horizontal Viewing Angle:	116° (Wide) ~ 52° (Tele)
Iris F-Number:	F= 1.45 ~ 360C
Lens Drive Type:	Motorized Zoom & Focus, P-Iris
Digital Zoom:	Off/1 ~ 10x
Shutter Speed:	1 ~ 1/10.000 sec
IR LED:	6 pcs., 95° illumination angle
Max. IR Distance:	50 m
Wavelength:	850nm
BLC Back Light:	On/Off
WDR:	72dB (Digital Wide Dynamic Range) Off/Low/Middle/High
White Balance:	ATW, AWB, Manual, One Push
Privacy zones:	5 zones, rectangle
Digital Noise Reduction:	2DNR: ON/OFF, 3DNR/ColorNR: Off/Low/Mid/High
DIS: Digital Image Stabilization:	yes
Video Text Overlay:	Text string (15 character), Subtitel (5 lines @ 16 character)
Alarm Trigger:	Alarm Input, Motion Detection, Network Failure detection, Tampering Alarm, Time lapse, Manual Trigger, Audio detection
Schedule:	Daily, Weekly, Start Time and Duration
Alarm Event:	Enable Alarm Output, Send message by FTP or/and Email, Upload image by FTP or/and Email, Send HTTP notification, IR CUT filter switch On/Off, Record to Micro SD Card
Reverse:	Normal, Flip, Mirror, Vertical Mode (90°clockwise,90° counter clockwise), 180°
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
ONVIF compliant:	Profile S
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	8MP(3840x2160)/5,7MP(3200x1800)/Full HD 1080p/SXGA/HD720p/XGA/SVGA/4CIF/VGA/CIF/QVGA
Frame Rate (Max@Resolution):	25fps@8MP, 25fps@5,7MP, 50fps@2MP, 50fps@1,3MP, 50fps@HD720p, 50fps@XGA, etc.
Streaming Method:	Unicast, Multicast
Audio Compression:	G.726, G.711
Audio Communication:	Bi-directional
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Input/Output:	1/1
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 simultaneously
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
NAS Recording::	Yes
Recording Types::	on Micro SD/SDHC CARD: Single Image Recording (JPEG), Video(AVI, LCK) on NAS: Video (AVI)
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari, Access over Mobile Devices
Network Protocol:	ARP, DHCP, FTP, HTTP, HTTPS, ICMP, IEEE 802.1 X, IGMP, IPv4/IPv6, ONVIF, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
Firmware Upgrade:	by Web Browser or Grundig finder (from ver.1.17)
Configuration:	Upload & Download configuration on remote PC
Multi Language Webpage::	English, German, French, Italian, Russian
Video Outputs:	1Vpp, BNC
Input/Output sockets:	Video Out(BNC), Power(3-Pin Term), RJ-45, Micro SDHC Card Slot, Alarm Terminal 4-Pin (Alarm In 2-Pin, Alarm Out 2-Pin), Audio (2 mini Jack 3.5mm)
Regulation:	CE, RoHS Compliant
Protection Rating:	IP66
Operating Temperature:	-25°C ~ +55°C
Operating Humidity:	10% ~ 90%, non-condensing
Supply Voltage:	12 VDC / 24 VAC, PoE (IEEE 802.3af)
Power Consumption (W):	12.4 (LED ON)
Weight:	1 kg - 2.2 lbs
Dimensions:	95 x 274 mm - 3.74 x 10.79 In

GCI-K2795P-1

2 MP Full HD Outdoor Motorized lens dome IP

- Full HD, 1920 x 1080p, 30/25 fps
- 30x motorized optical zoom with 12x digital Zoom
- WDR function, Colour/B&W function with removable IR cut filter
- Digital Image Stabilization
- H.264 & MJPEG compression modes
- Vandal- and weather-proof
- High Speed Pan/Tilt (400°/sec), minimum speed (0.5°/sec)
- Power-over-Ethernet support
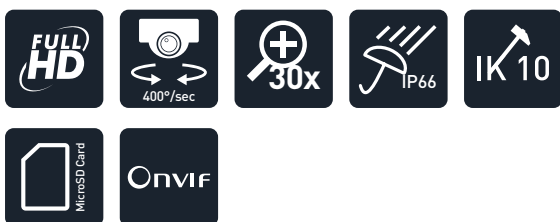
DIMENSIONS (mm)

ACCESSORIES

GBR-WA02	GBR-CE01	GBR-AM02	GBR-PM01

Image Sensor:	1/2.8" CMOS Sony Exmor™ Progressive Scan
Pixels - Total:	1920(H) x 1080(V)
Sensitivity Colour:	0.02 lux @ F1.4 (IRE50)
Sensitivity B/W:	0.005 lux@F1.4 (IRE50)
Col/B:	On/Off/Auto, IR-cut filter removable (ICR)
Lens Focal Length:	4.4 ~ 132 mm
Horizontal Viewing Angle:	60.5° (Wide) ~ 2.3° (Tele)
Optical Zoom Ratio:	x 30
Digital Zoom:	12x
Lens Drive Type:	DC Auto Iris
Iris F-Number:	F= 1.4 ~ 360
Focus Adjustment:	Auto, Manual
BLC Back Light:	On/Off + WDR
Shutter Speed:	1 ~ 1/10.000 sec
Pan Speed:	Manual: 0.5°/s ~ 90°/s, Preset: 400°/s (max.)
Tilt Speed:	Manual: 0.5°/s ~ 90°/s, Preset: 400°/s (max.)
Range Panning:	360° endless
Range Tilting:	-10° ~ 190°
Number of Preset:	256
Preset Accuracy:	0.225°
Number of Pattern:	8
Number of Auto PAN:	4
Number of Cruise:	8
Home position:	Preset/Sequence/Auto Pan/Cruise
Auto Flip:	Image/Mechanic/Off
AGC:	Off, 3~57dB
WDR:	120dB
White Balance:	Auto, Manual, Indoor, Outdoor, ATW
Digital Noise Reduction:	2DNR/3DNR (Off/On)
Digital Image Stabilization (DIS):	Off/On
Number of Privacy Zones:	16
Motion Detection:	On/ Off/ Sensitivity/ 10 Area setting/ by schedule
Alarm Trigger:	Alarm Input, Motion Detection, Network Failure detection, Time lapse, Manual Trigger, Audio detection
Schedule:	Single Day or Week, Time (Start, Duration), DAY or NIGHT Mode
Alarm Event:	Alarm Input, Motion Detection or Schedule: Image transfer or alarm message by FTP, Image transfer or alarm message by E-mail, recording on SD-card and enable alarm output
Video Text Overlay:	Text string (20 character), Subtitel (5 lines @ 16 character)
Reverse:	Flip, Mirror, 180°
Input/Output sockets:	Power (Terminal 3-Pin), RJ-45, Micro SD Card Slot, Alarm Terminal (12-Pin Alarm IN/5-Pin, Alarm OUT/7-Pin),Audio IN/OUT (3-Pin Terminal)
Network Interface:	1x 10/100/1000 Base T/TX (RJ-45)
Video Compression:	H.264 (MPEG-4Part 10/AVC), MJPEG
Video Streaming:	Quad stream: 4xH.264 or 3xH.264 MJPEG Triple: 3xH.264 or 2xH.264 MJPEG Dual: 2xH.264 or H.264 MJPEG Single: H.264 or MJPEG
Video Resolution:	1920x1080 (30/25fps), 1280x1024 (30/25fps), 1280x720 (30/25fps), 1024x768 (30/25fps),etc., Full HD 1080p/ SXGA/ HD 720p/ XGA/SVGA/ D1/ VGA/ CIF/ QCIF
Frame Rate (Max@Resolution):	25fps@2MP, 50fps@1,3MP, etc.
Streaming Method:	Unicast, Multicast
Audio Compression:	G.711, G.726
Audio Communication:	Bi-directional
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Input/Output:	4/2
Access protection:	By log-in and Password, IP filter, IEEE802.1x
Number of Clients:	Up to 20 user, 1 x Admin
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory (vfat(fat32) format)
Recording Types::	on Micro SD/SDHC/SDXC CARD Single Image Recording (JPEG)Video(AVI, LCK)
Web Browser:	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari
Network Protocol:	ARP, DHCP, FTP, HTTP, HTTPS, ICMP, IEEE 802.1 X, IGMP, IPv4/IPv6, ONVIF, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
Firmware Upgrade:	Firmware upgrade by Web Browser
Configuration:	Over Web Browser, Upload & Download configuration file
Protection Rating:	IK10, IP66
Regulation:	CE, RoHS Compliant
Operating Temperature:	-40°C ~ +50°C
Supply Voltage:	24 VAC / hPoE (60W)
Power Consumption (W):	60
Weight:	2.32 kg - 5.11 lbs
Dimensions:	192 x 283 mm - 7.56 x 11.14 In

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

3MP Intelligent IP Outdoor PTZ Dome Camera

- 36x motorized optical zoom with 16x digital zoom
- Panspeed (540°/sec) / Tiltspeed (400°/sec), minimum speed (0.1°/sec)
- Privacy Zone Masking Function
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- WDR (Wide Dynamic Range) for extreme backlight situations
- Intelligent Video Content Analysis with Motion Tracking
- Power-over-Ethernet support

ACCESSORIES

GBR-WA08	GBR-WA08C	GBR-WA08J	GBR-WA08JC

GBR-WA08JP	GBR-WA08P	GBR-CE08L	GBR-CE08M

Image Sensor:	1/3" Progressive Scan CMOS
Pixels - Total:	2048 (H) x 1536 (V)
Sensitivity Colour:	0.05 Lux@F1.6
Sensitivity B/W:	0.01 lux @ F1.6
Shutter Speed:	1 ~ 1/30,000 sec
Col/B:	Auto, IR-cut filter removable (ICR)
Optical Zoom Ratio:	36x
Digital Zoom:	16x
Lens Focal Length:	4.5 ~ 162 mm
Viewing Angle:	60.6° ~ 3.7°
Lens Drive Type:	Auto Iris (DC)
Iris F-Number:	F= 1.4 ~ 360
Pan Speed:	Manual: 0.1°/s ~ 300°/s, Preset: 540°/s (max.)
Tilt Speed:	Manual: 0.1°/s ~ 240°/s, Preset: 400°/s (max.)
Range Panning:	360° endless
Range Tilting:	-15° ~ 90° (auto flip)
Number of Preset:	300
Sequence:	8
BLC Back Light:	On/Off
WDR:	120dB
Digital Noise Reduction:	3D-DNR, auto
AGC:	Adjustable
White Balance:	Auto/Off
Number of Privacy Zones:	24
Motion Detection:	Off, ON (Normal, Expert mode, by Schedule)
Video enhancement:	Defog
Intelligent Video Analytics:	Appear / Disappear, Audio Detection, Auto Tracking, Enter/Exit, Face Detection, IP Address Conflict, Network Disconnect, Storage exception, Tampering, Virtual Line
Video Compression:	H.264, MJPEG
Video Streaming:	Triple Stream, H.264 and MJPEG
Video Resolution:	Main: 2048x1536 (50/60fps), 1920x1080 (50/60fps), 1280x960 (50/60fps), 1280x720 (50/60fps), Sub: 704x576(50/60fps), 640x480(50/60fps), 352x288(50/60fps), Third Stream: 2048x1536 (50/60fps), 1920x1080 (50/60fps), 1280x960 (50/60fps), 1280x720 (50/60fps), 704x5076 (50/60fps), 352x288(50/60fps)
Bit Rate:	Mainstream: 256kbps~16384kbps, Substream: 32kbps~8192Mbps, Third Stream: 256kbps~16384kbps
Audio Compression:	G.711 (64kbps) / G.726 (16kbps) / MP2L2
Audio Input/Output:	Line In/Line Out (two way Audio)
Alarm Trigger:	Motion detection, Tampering, Network disconnect, IP address conflict, Alarm Input, Storage error, Intelligent video analytics, Audio detection
Network Protocol:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI
System Compatibility:	ONVIF, PSIA, CGI
ONVIF compliant:	Profile S, Profile G
Web Browser:	MS Internet Explorer 7.0 (or higher), Mozilla Firefox, Google Chrome
Security:	HTTPS, IP FILTER, IEEE802.1x, Admin/User account
Alarm Input/Output:	7/2
Video Outputs:	1x CVBS (1Vpp), BNC
SD memory:	supports up to 128 GB capacity of SD/SDHC/SDXC memory
Recording:	H.264, Image Capture (Time-Lapse), JPEG format, Support NAS Server
Network Interface:	1x 10/100 Base T/TX HiPoE (RJ-45)
Protection Rating:	IP66, IK10
Operating Temperature:	-40°C ~ +65°C
Humidity:	less than 90%, non condensing
Supply Voltage:	24 VAC / hPoE (60W)
Power Consumption (W):	60
Weight:	8.0 kg - 17.64 lbs
Dimensions:	260 x 331 mm - 10.24 x 13.03 In

GCI-F4747P

3MP Intelligent IP IR LED PTZ Dome

- 36x motorized optical zoom with 16x digital zoom
- IR LEDs integrated
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- Panspeed (540°/sec) / Tiltspeed (400°/sec), minimum speed (0.1°/sec)
- Privacy Zone Masking Function
- Intelligent Video Content Analysis with Motion Tracking
- WDR (Wide Dynamic Range) for extreme backlight situations
- Supports Power over Ethernet (PoE)

ACCESSORIES

GBR-WA08	GBR-WA08C	GBR-WA08J	GBR-WA08JC

GBR-WA08JP	GBR-WA08P	GBR-CE08L	GBR-CE08M

Image Sensor:	1/3" Progressive Scan CMOS
Pixels - Total:	2048 (H) x 1536 (V)
Sensitivity Colour:	0.05 Lux@F1.6
Sensitivity B/W:	0.01 lux @ F1.6
Shutter Speed:	1/3 ~ 1/30,000 sec
Col/B:	Auto, IR-cut filter removable (ICR)
Lens Focal Length:	4.5 ~ 162 mm
Viewing Angle:	60.6° ~ 3.7°
Optical Zoom Ratio:	36x
Digital Zoom:	16x
Lens Drive Type:	Auto Iris (DC)
Iris F-Number:	F= 1.4 ~ 360
Max. IR Distance:	200 m
IR LED:	10 pcs., 72°~8° beaming angle
Pan Speed:	Manual: 0.1°/s ~ 300°/s, Preset: 540°/s (max.)
Tilt Speed:	Manual: 0.1°/s ~ 240°/s, Preset: 400°/s (max.)
Range Panning:	360° endless
Range Tilting:	-20° ~ 90°
Number of Preset:	300
Sequence:	8
BLC Back Light:	On/Off
WDR:	120dB
Digital Noise Reduction:	3D-DNR, auto
AGC:	Adjustable
White Balance:	Auto/Off
Number of Privacy Zones:	24
Motion Detection:	Off, ON (Normal, Expert mode, by Schedule)
Intelligent Video Analytics:	Appear / Disappear, Audio Detection, Auto Tracking, Enter/Exit, Face Detection, IP Address Conflict, Network Disconnect, Storage exception, Tampering, Virtual Line
Video enhancement:	Defog
Image settings:	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
Video Compression:	H.264, MJPEG
Video Streaming:	Triple Stream, H.264 and MJPEG
Video Resolution:	Main: 2048x1536 (50/60fps), 1920x1080 (50/60fps), 1280x960 (50/60fps), 1280x720 (50/60fps), Sub: 704x576(50/60fps), 640x480(50/60fps), 352x288(50/60fps), Third Stream: 2048x1536 (50/60fps), 1920x1080 (50/60fps), 1280x960 (50/60fps), 1280x720 (50/60fps), 704x5076 (50/60fps), 352x288(50/60fps)
Bit Rate:	Mainstream: 256kbps~16384kbps, Substream: 32kbps~8192Mbps, Third Stream: 256kbps~16384kbps
Audio Compression:	G.711 (64kbps) / G.726 (16kbps) / MP2L2
Audio Input/Output:	Line In/Line Out (two way Audio)
Network Protocol:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP, 802.1x, QoS, IPv4/v6, Bonjour, ONVIF, PSIA, CGI
ONVIF compliant:	Profile S, Profile G
Web Browser:	MS Internet Explorer 7.0 (or higher), Mozilla Firefox, Google Chrome
Security:	HTTPS, IP FILTER, IEEE802.1x, Admin/User account
Alarm Input/Output:	7/2
Video Outputs:	1x CVBS (1Vpp), BNC
SD memory:	supports up to 128 GB capacity of micro SD/SDHC/SDXC memory
Recording:	H.264, Image Capture (Time-Lapse), JPEG format, Support NAS Server
Network Interface:	1x 10/100 Base T/TX HiPoE (RJ-45)
Operating Temperature:	-40°C ~ +60°C
Humidity:	less than 90%, non condensing
Protection Rating:	IP66, IK10
Supply Voltage:	24 VAC / hPoE (60W)
Power Consumption (W):	60
Weight:	8.0 kg - 17.64 lbs
Dimensions:	267 x 366 mm - 10.51 x 14.41 In

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

IP
RECORDING
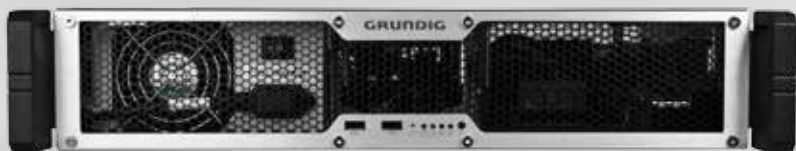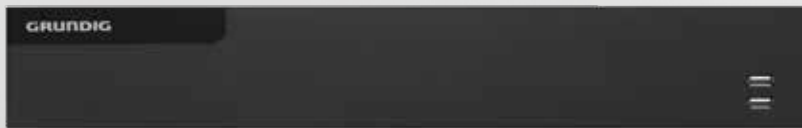
Grundig offers an extensive range of IP recording solutions, based on either embedded Linux systems, for standalone use, or PC-based systems, pre-installed within the Grundig VMS, for larger applications.

Grundig's embedded NVRs are designed for installations of up to 32 cameras. The Connect range handles cameras with resolutions of up to 5MP and includes a 4 or 8 port, POE switch. The Professional range handles cameras with resolutions of up to 12MP. It includes greater processing power and increased levels of storage.

System storage can be increased by adding Network Attached Storage (NAS) devices. These can provide an additional 64TB of storage to our recorders.
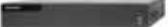
The "Digital Spot Monitor" feature allows users to display video from all the system cameras, using just the bandwidth equivalent of a single, Full HD channel. The NVRs support Grundig, ONVIF, PSIA and many other protocols, making system upgrades quick and simple. Intelligent, event and alarm management features provide rapid search functionality, automatically triggering a series of agreed actions. Remote access for viewing and managing the NVRs is enabled using an intuitive, SCMS App and SCMS PC application. Connecting up to five GDS-X20 NVRs together enables a fully-functional system of up to 120 IP cameras.

The PC-based, VMS systems come with a pre-installed VDG license for each camera channel, with basic motion detection functionality included. Macros can be used to trigger a wide range of actions in response to different site events. The graphic layout can be customised to your needs and can react to any event. In addition to the built-in SATA drives, Network Attached Storage devices can be added to the system to increase the storage capacity.

The GDS-X30 series can be expanded with more channels and additional analytics for advanced motion detection, number plate and facial recognition. The system can be expanded by connecting a virtually unlimited number of servers together.

OVERVIEW IP RECORDERS

Standalone NVR

MODEL	PICTURE	MAXIMUM STORAGE CAPACITY	RECORDING BAND-WIDTH	MAXIMUM RECODING RESOLUTION	VIDEO OUTPUT	ALARM INPUTS	PAGE
GRN-G1004P		68 TB (1x4 TB SATA and 8x8 TB NAS)	max. 40 Mbps	5MP (2560x1920)	1x VGA, 1x HDMI	4 contact input N/O or N/C	51
GRN-G1116P		72 TB (2x4 TB SATA and 8x8 TB NAS)	max. 160 Mbps	5MP (2560x1920)	1x VGA, 1x HDMI	4 contact input N/O or N/C	52
GRN-M1116N		84 TB (4x4 TB SATA, 1x4TB eSATA and 8x8 TB NAS)	max. 200 Mbps	6MP (3072 × 2048)	1x VGA, 1x HDMI, 1x CVBS (1Vpp) BNC	16 contact input N/O or N/C	53
GRN-M1232N		84 TB (4x4 TB SATA, 1x4TB eSATA and 8x8 TB NAS)	max. 200 Mbps	6MP (3072 × 2048)	1x VGA, 1x HDMI, 1x CVBS (1Vpp) BNC	16 contact input N/O or N/C	54
GRN-R2108P		94 TB (4x6 TB SATA, 1x6TB eSATA and 8x8 TB NAS)	max. 80 Mbps	12 MP (4000 x 3000)	1x VGA, 1x HDMI (4K), 1x CVBS (1Vpp) BNC	16 contact input N/O or N/C	55
GRN-R2216P		94 TB (4x6 TB SATA, 1x6TB eSATA and 8x8 TB NAS)	max. 160 Mbps	12 MP (4000 x 3000)	1x VGA, 1x HDMI (4K), 1x CVBS (1Vpp) BNC	16 contact input N/O or N/C	56
GRN-R2232P		94 TB (4x6 TB SATA, 1x6TB eSATA and 8x8 TB NAS)	max. 200 Mbps	12 MP (4000 x 3000)	1x VGA, 1x HDMI (4K) , 1x CVBS (1Vpp) BNC	16 contact input N/O or N/C	57

PC based NVR

MODEL	PICTURE	CHAN-NELS	ANALYTIC EXTENSIONS (OPTIONAL)	HARD DISK BAY	CPU	VIDEO COMPRESSION	OPERATING SYSTEM	PAGE
GDS-X2008R		8	-	4 x SATA	Intel Core i7 4790 / 4- Core / 3.6 Ghz / 8MB Cache	MJPEG, MPEG-4, and H.264 for ana-log (with encoder) and IP cameras	Windows 10 on built in 64GB SSD drive	58
GDS-X2016R		16	-	4 x SATA	Intel Core i7 4790 / 4- Core / 3.6 Ghz / 8MB Cache	MJPEG, MPEG-4, and H.264 for ana-log (with encoder) and IP cameras	Windows 10 on built in 64GB SSD drive	59
GDS-X2024R		24	-	4 x SATA	Intel Core i7 4790 / 4- Core / 3.6 Ghz / 8MB Cache	MJPEG, MPEG-4, and H.264 for ana-log (with encoder) and IP cameras	Windows 10 on built in 64GB SSD drive	60
GDS-X3008R		8 (ex-panda-ble)	FaceR, CarR, ObjectR, Failover, IO, VCH	4 x SATA	Intel Core i7 4790 / 4- Core / 3.6 Ghz / 8MB Cache	MJPEG, MPEG-4, and H.264 for ana-log (with encoder) and IP cameras	Windows 10 on built in 64GB SSD drive	61
GDS-X3016R		16 (ex-panda-ble)	FaceR, CarR, ObjectR, Failover, IO, VCH	4 x SATA	Intel Core i7 4790 / 4- Core / 3.6 Ghz / 8MB Cache	MJPEG, MPEG-4, and H.264 for ana-log (with encoder) and IP cameras	Windows 10 on built in 64GB SSD drive	62
GDS-X3024R		24 (ex-panda-ble)	FaceR, CarR, ObjectR, Failover, IO, VCH	4 x SATA	Intel Core i7 4790 / 4- Core / 3.6 Ghz / 8MB Cache	MJPEG, MPEG-4, and H.264 for ana-log (with encoder) and IP cameras	Windows 10 on built in 64GB SSD drive	63

GRN-G1004P

4 Channel H.264 NVR with PoE switch

- Built in PoE Switch for direct IP camera connection
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Various recording features (Normal, schedule, motion, alarm)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
- Video recording with NAS System and Local HDD
- Recorded files backup via USB device
- ONVIF protocol support
- SDK for Windows and Linux system

DIMENSIONS (mm)

Operating System:	Embedded OS
IP Inputs:	4 channels
Video Outputs:	1x HDMI, 1x VGA
Harddisk bay:	1 x SATA II
Max. Storage Capacity:	68 TB (1x4 TB SATA and 8x8 TB NAS)
Video Compression:	H.264
Recording Resolution:	VGA (640x480), 4CIF (704x576), 720p (1280x720), 1.3MP (1280x960), UXGA (1600x1200), 1080p (1920x1080), QXGA (2048x1536), 5MP (2560x1920)
Recording Bandwidth:	max. 40 Mbps
Outgoing Bandwidth:	maks. 80 Mbps
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Display resolution:	Up to 1920x1080 (HDMI / VGA)
Display Speed:	4ch @ 1080p
Playback:	Synchronised playback of max. 4 cameras
Search Mode:	Date/Time, Event Alarm, Motion, Search Backup
External Backup:	USB HDD, USB Memory, USB External, DVD-ROM, Network
Event Source:	Motion, Alarm, Video Loss, System
Event Action:	Pop-Up, Relay, E-Mail, Buzzer, PTZ Preset
Motion Detection:	On/ Off/ Area Setting
PTZ Control:	Pan/Tilt/Zoom, Camera OSD, Preset set/call
Audio Inputs:	1 CH, RCA, 4 CH over IP
Audio Outputs:	1 CH, RCA
Audio Compression:	G.711
Alarm Inputs:	4 contact input N/O or N/C
Alarm Outputs:	1 Relay
ONVIF compliant:	Profile S, Profile G
Network Interface:	4x 10/100 Base T/TX PoE (RJ-45) + 1x 10/100/1000 Base T/TX (RJ-45)
PoE Budget:	15 W per Port, 50 W
Remote Connections:	Up to 128 (depending on available outgoing bandwith)
Network Protocol:	IPv4, IPv6, TCP/IP, UDP, RTP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI
Multiplex Function:	Triplex
Serial Interface(s):	1x RS-485, 1x USB 2.0, 1x USB 3.0
Client software:	Windows® (XP, Vista, 7), Web Viewer: IE®, Firefox®, Safari®, Chrome®; Mobile: iPhone®, Android®
Operating Temperature:	-10°C ~ +55°C
Operating Humidity:	10% ~ 90%, non-condensing
Supply Voltage:	48 Vdc
Dimensions (W x H x D):	380 x 290 x 48 mm - 14.96 x 11.42 x 1.89 In:
Power Consumption (W):	10 (no HDD)
Weight:	1 kg - 2.2 lbs

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GRN-G1116P

16 Channel H.264 NVR with PoE switch

- Built in 8 Ch. PoE Switch for direct IP camera connection
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Various recording features (Normal, schedule, motion, alarm)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
- Video recording with NAS System and Local HDD
- Recorded files backup via USB device
- ONVIF protocol support
- SDK for Windows and Linux system

DIMENSIONS (mm)

Operating System:	Embedded OS
IP Inputs:	16 channels
Video Outputs:	1x VGA, 1x HDMI
Harddisk bay:	2 x SATA II
Max. Storage Capacity:	72 TB (2x4 TB SATA and 8x8 TB NAS)
Video Compression:	H.264
Recording Resolution:	VGA (640x480), 4CIF (704x576), 720p (1280x720), 1.3MP (1280x960), UXGA (1600x1200), 1080p (1920x1080), QXGA (2048x1536), 5MP (2560x1920)
Recording Bandwidth:	max. 160 Mbps
Outgoing Bandwidth:	maks. 80 Mbps
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Display resolution:	Up to 1920x1080 (HDMI / VGA)
Display Speed:	6 Ch @ 1080p, 12 Ch @ 720p, 16 Ch @ 4CIF
Playback:	Synchronised playback of max. 16 cameras
Search Mode:	Date/Time, Event Alarm, Motion, Search Backup
External Backup:	USB HDD, USB Memory, Network
Motion Detection:	On/ Off/ Area Setting
Event Source:	Motion, Alarm, Video Loss, System
Event Action:	Pop-Up, Relay, E-Mail, Buzzer, PTZ Preset
PTZ Control:	Pan/Tilt/Zoom, Camera OSD, Preset set/call
Audio Inputs:	1 CH, RCA, 16 CH over IP
Audio Outputs:	1 CH, RCA
Audio Compression:	G.711
Alarm Inputs:	4 contact input N/O or N/C
Alarm Outputs:	1 Relay
Network Interface:	8x 10/100 Base T/TX PoE (RJ-45) + 1x 10/100/1000 Base T/TX (RJ-45)
PoE Budget:	120 W, 15 W per Port
Remote Connections:	Up to 128 (depending on available outgoing bandwith)
ONVIF compliant:	Profile S, Profile G
Network Protocol:	IPv4, IPv6, TCP/IP, UDP, RTP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI
Multiplex Function:	Triplex
Serial Interface(s):	1x RS-485, 1x USB 2.0, 1x USB 3.0
Client software:	Windows® (XP, Vista, 7), Web Viewer: IE®, Firefox®, Safari®, Chrome®; Mobile: iPhone®, Android®
Operating Temperature:	-10°C ~ +55°C
Operating Humidity:	10% ~ 90%, non-condensing
Supply Voltage:	100 ~ 240 Vac, 50/60Hz
Dimensions (W x H x D):	380 x 48 x 290 mm - 14.96 x 1.89 x 11.42 In:
Power Consumption (W):	10 (no HDD)
Weight:	1 kg - 2.2 lbs

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

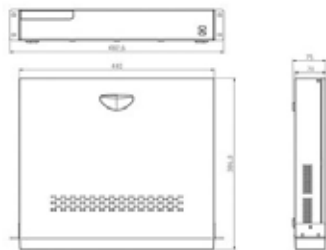HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GRN-M1116N

16 Channel H.264 NVR

- Local user interface on 3 video outputs, with independant multivision
- Digital Spot Function to stream the CVBS Spot monitor into network
- Hot Spare Mode - working as Failover Server for another GRN
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Various recording features (Normal, schedule, motion, alarm)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
- eSATA interface: add external Hard drive to increase record capacity
- Recorded files backup via USB device or eSATA device

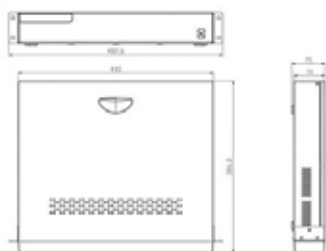|	
Operating System:	Embedded OS
IP Inputs:	16 channels
Video Outputs:	1x VGA, 1x HDMI, 1x BNC
Harddisk bay:	4 x SATA II
Max. Storage Capacity:	84 TB (4x4 TB SATA, 1x4TB eSATA and 8x8 TB NAS)
Video Compression:	H.264, MPEG4
Recording Resolution:	VGA (640x480), 4CIF (704x576), 720p (1280x720), 1.3MP (1280x960), UXGA (1600x1200), 1080p (1920x1080), QXGA (2048x1536), 5MP (2560x1920, 6MP (3072 × 2048)
Recording Bandwidth:	max. 200 Mbps
Outgoing Bandwidth:	max. 160 Mbps
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Display resolution:	Up to 1920x1080 (HDMI / VGA), 704x576 (BNC)
Display Speed:	5 Ch @ 1080p, 10 Ch @ 720p, 16 Ch @ 4CIF
Playback:	Synchronised playback of max. 16 cameras
Search Mode:	Date/Time, Event Alarm, Motion, Search Backup
External Backup:	USB HDD, USB Memory, USB External, DVD-ROM, Network
Motion Detection:	On/ Off/ Area Setting
Event Source:	Motion, Alarm, Video Loss, System
Event Action:	Pop-Up, Relay, E-Mail, Buzzer, PTZ Preset
PTZ Control:	Pan/Tilt/Zoom, Camera OSD, Preset set/call
Audio Inputs:	16 channels (over IP), 1 channel (BNC, 2.0Vp-p, 1KOhms)
Audio Outputs:	2 Channels (BNC, 600 Ohms)
Control:	Mouse (USB), WEB browser or client software
Audio Compression:	G.711
Alarm Inputs:	16 contact input N/O or N/C
Alarm Outputs:	4 Relay
ONVIF compliant:	Profile S, Profile G
Network Interface:	1x 10/100/1000 Base T/TX (RJ-45)
Remote Connections:	Up to 128 (depending on available outgoing bandwith)
Network Protocol:	IPv4, IPv6, TCP/IP, UDP, RTP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI
Multiplex Function:	Triplex
Client software:	Windows® (XP, Vista, 7), Web Viewer: IE®, Firefox®, Safari®, Chrome®; Mobile: iPhone®, Android®
Serial Interface(s):	1x RS232, 2x RS485, 3x USB, 1x eSATA
Chassis:	19-inch rack-mounted, 1.5U
Operating Temperature:	-10°C ~ +55°C
Operating Humidity:	10% ~ 90%, non-condensing
Supply Voltage:	100 ~ 240 Vac, 50/60Hz
Dimensions (W x H x D):	440 x 390 x 70 mm - 17.32 x 15.35 x 2.76 In:
Power Consumption (W):	40 (no HDD)
Weight:	4 kg - 8.82 lbs

DIMENSIONS (mm)

GRN-M1232N

32 Channel NVR

- Local user interface on 3 video outputs, with independant multivision
- Digital Spot Function to stream the CVBS Spot monitor into network
- Hot Spare Mode - working as Failover Server for another GRN
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Various recording features (Normal, schedule, motion, alarm)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
- eSATA interface: add external Hard drive to increase record capacity
- Video recording with NAS System and Local HDD

H.264 | USB CONNECTIVITY | Network | ESATA

DIMENSIONS (mm)

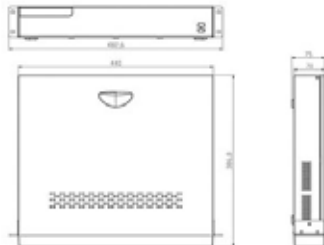| Operating System:	Embedded OS
IP Inputs:	32 channels
Video Outputs:	1x VGA, 1x HDMI, 1x BNC
Harddisk bay:	4 x SATA II
Max. Storage Capacity:	84 TB (4x4 TB SATA, 1x4TB eSATA and 8x8 TB NAS)
Video Compression:	H.264, MPEG4
Recording Resolution:	VGA (640x480), 4CIF (704x576), 720p (1280x720), 1.3MP (1280x960), UXGA (1600x1200), 1080p (1920x1080), QXGA (2048x1536), 5MP (2560x1920, 6MP (3072 × 2048)
Recording Bandwidth:	max. 200 Mbps
Outgoing Bandwidth:	max. 160 Mbps
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Display resolution:	Up to 1920x1080 (HDMI / VGA), 704x576 (BNC)
Display Speed:	8 Ch @ 1080p, 16 Ch @ 720p
Playback:	Synchronised playback of max. 16 cameras
Search Mode:	Date/Time, Event Alarm, Motion, Search Backup
External Backup:	USB HDD, USB Memory, Network
Control:	Mouse (USB), WEB browser or client software
Motion Detection:	On/ Off/ Area Setting
Event Action:	Pop-Up, Relay, E-Mail, Buzzer, PTZ Preset
Event Source:	Motion, Alarm, Text, Video Loss, System
PTZ Control:	Pan/Tilt/Zoom, Camera OSD, Preset set/call
Audio Inputs:	32 channels (over IP), 1 channel (BNC, 2.0Vp-p, 1KOhms)
Audio Outputs:	2 Channels (BNC, 600 Ohms)
Audio Compression:	G.711, OggVorbis 16Kbps
Alarm Inputs:	16 contact input N/O or N/C
Alarm Outputs:	4 Relay
ONVIF compliant:	Profile S, Profile G
Remote Connections:	Up to 128 (depending on available outgoing bandwith)
Network Interface:	1x 10/100/1000 Base T/TX (RJ-45)
Network Protocol:	DDNS, DHCP, DNS, IPv4/IPv6, iSCSI, NFS, NTP, PPPoE, RTP, SADP, SMTP, SNMP
Multiplex Function:	Triplex
Serial Interface(s):	1x RS232, 2x RS485, 3x USB, 1x eSATA
Chassis:	19-inch rack-mounted, 1.5U
Client software:	Windows® (XP, Vista, 7), Web Viewer: IE®, Firefox®, Safari®, Chrome®; Mobile: iPhone®, Android®
Operating Temperature:	-10°C ~ +55°C
Operating Humidity:	10% ~ 90%, non-condensing
Supply Voltage:	100 ~ 240 Vac, 50/60Hz
Dimensions (W x H x D):	445 x 90 x 470 mm - 17.52 x 3.54 x 18.5 In:
Power Consumption (W):	40 (no HDD)
Weight:	8 kg - 17.64 lbs

GRN-R2108P

8 CH NVR with 8 Ch PoE switch

- Supports a maximum of 12 MP recording resolution
- 4K video display on main HDMI
- Built in PoE Switch for direct IP camera connection
- Digital Spot Function to stream the CVBS Spot monitor into network
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
- Recorded files backup via USB device or optional DVDRW
- Video recording with NAS System and Local HDD

4K ULTRA HD   H.264   H.265   RACK MOUNT

DIMENSIONS (mm)

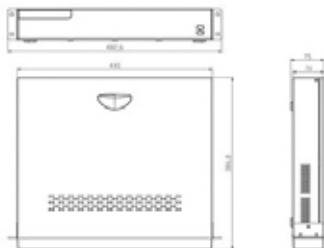|	
Operating System:	Embedded Linux
IP Inputs:	8 channels
Video Outputs:	1x VGA, 1x HDMI, 1x BNC
Harddisk bay:	4 x SATA II
Max. Storage Capacity:	94 TB (4x6 TB SATA, 1x6TB eSATA and 8x8 TB NAS)
Basic Internal Storage:	No
Video Compression:	H.265, H.264, MPEG4
Recording Resolution:	12 MP/ 8 MP/ 6 MP/ 5 MP/ 4 MP/ 1080P/ UXGA/ 720P/ VGA/ 4CIF/ DCIF/ 2CIF/ CIF/ QCIF
Recording Bandwidth:	max. 80 Mbps
Outgoing Bandwidth:	max. 256 Mbps
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Display resolution:	4K(3840*2160)/60Hz, 4K(3840*2160)/30Hz, 1920*1080P/60Hz, 1600*1200/60Hz, 1280*1024/60Hz, 1280*720/60Hz, 1024*768/60Hz
Playback:	Synchronised playback of max. 8 cameras
Search Mode:	Date/Time, Event Alarm, Motion, Search Backup
External Backup:	USB HDD, USB Memory, DVD-ROM, Network, eSATA
Motion Detection:	On/ Off/ Area Setting
Event Source:	Motion, Alarm, Video Loss, System
Event Action:	Pop-Up, Relay, E-Mail, FTP, Network, Buzzer, PTZ Preset
PTZ Control:	Pan/Tilt/Zoom, Camera OSD, Preset set/call
Audio Inputs:	1 CH, RCA
Audio Outputs:	1 CH, RCA
Audio Compression:	G.711
Alarm Inputs:	8 contact input N/O or N/C
Alarm Outputs:	4
ONVIF compliant:	Profile S, Profile G
Network Interface:	8x 10/100 Base T/TX PoE (RJ-45) + 1x 10/100/1000 Base T/TX (RJ-45)
PoE Budget:	200W
Remote Connections:	Up to 128 (depending on available outgoing bandwith)
Network Protocol:	DDNS, DHCP, DNS, IPv4/IPv6, NFS, NTP, PPPoE, RTP, SADP, SMTP, SNMP, TCP/IP, UDP
Serial Interface(s):	1x RS-232, 2x RS-485, 1x eSATA, 2x USB 2.0, 1x USB 3.0
Client software:	Windows (Vista, 7, 8), Web Viewer: IE, Firefox, Safari, Chrome; Mobile: iOS, Android
Certifications:	CE, RoHS
Operating Temperature:	-10°C ~ +55°C
Humidity:	10 ~ 90%RH
Chassis:	19-inch rack-mounted, 1.5U
Supply Voltage:	100 ~ 240 Vac, 50/60Hz
Dimensions (W x H x D):	445 x 390 x 70 mm - 17.52 x 15.35 x 2.76 In:
Power Consumption (W):	20 (without HDD)
Weight:	5 kg - 11.02 lbs

16 CH NVR with 16 Ch PoE switch

- Supports a maximum of 12 MP recording resolution
- 4K video display on main HDMI
- Built in PoE Switch for direct IP camera connection
- Digital Spot Function to stream the CVBS Spot monitor into network
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
- Recorded files backup via USB device or optional DVDRW
- Video recording with NAS System and Local HDD

DIMENSIONS (mm)

Operating System:	Embedded Linux
IP Inputs:	16 channels
Video Outputs:	1x VGA, 1x HDMI, 1x BNC
Harddisk bay:	4 x SATA II
Max. Storage Capacity:	94 TB (4x6 TB SATA, 1x6TB eSATA and 8x8 TB NAS)
Basic Internal Storage:	No
Video Compression:	H.265, H.264, MPEG4
Recording Resolution:	12 MP/ 8 MP/ 6 MP/ 5 MP/ 4 MP/ 1080P/ UXGA/ 720P/ VGA/ 4CIF/ DCIF/ 2CIF/ CIF/ QCIF
Recording Bandwidth:	max. 160 Mbps
Outgoing Bandwidth:	max. 256 Mbps
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Display resolution:	4K(3840*2160)/60Hz, 4K(3840*2160)/30Hz, 1920*1080P/60Hz, 1600*1200/60Hz, 1280*1024/60Hz, 1280*720/60Hz, 1024*768/60Hz
Playback:	Synchronised playback of max. 8 cameras
Search Mode:	Date/Time, Event Alarm, Motion, Search Backup
External Backup:	USB HDD, USB Memory, DVD-ROM, Network, eSATA
Motion Detection:	On/ Off/ Area Setting
Event Source:	Motion, Alarm, Video Loss, System
Event Action:	Pop-Up, Relay, E-Mail, FTP, Network, Buzzer, PTZ Preset
PTZ Control:	Pan/Tilt/Zoom, Camera OSD, Preset set/call
Audio Inputs:	1 CH, RCA
Audio Outputs:	1 CH, RCA
Audio Compression:	G.711
Alarm Inputs:	16 contact input N/O or N/C
Alarm Outputs:	4
ONVIF compliant:	Profile S, Profile G
Network Interface:	16x 10/100 Base T/TX PoE (RJ-45) + 1x 10/100/1000 Base T/TX (RJ-45)
PoE Budget:	200W
Remote Connections:	Up to 128 (depending on available outgoing bandwith)
Network Protocol:	DDNS, DHCP, DNS, IPv4/IPv6, NFS, NTP, PPPoE, RTP, SADP, SMTP, SNMP, TCP/IP, UDP
Serial Interface(s):	1x RS-232, 2x RS-485, 1x eSATA, 2x USB 2.0, 1x USB 3.0
Client software:	Windows (Vista, 7, 8), Web Viewer: IE, Firefox, Safari, Chrome; Mobile: iOS, Android
Certifications:	CE, RoHS
Operating Temperature:	-10°C ~ +55°C
Humidity:	10 ~ 90%RH
Chassis:	19-inch rack-mounted, 1.5U
Supply Voltage:	100 ~ 240 Vac, 50/60Hz
Dimensions (W x H x D):	445 x 390 x 70 mm - 17.52 x 15.35 x 2.76 In:
Power Consumption (W):	20 (without HDD)
Weight:	5 kg - 11.02 lbs

GRN-R2232P

32 CH NVR with 16 CH PoE switch

- Supports a maximum of 12 MP recording resolution
- 4K video display on main HDMI
- Built in PoE Switch for direct IP camera connection
- Digital Spot Function to stream the CVBS Spot monitor into network
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
- Recorded files backup via USB device or optional DVDRW
- Video recording with NAS System and Local HDD

4K ULTRA HD   **H.264**   **H.265**   **RACK MOUNT**

DIMENSIONS (mm)

Operating System:	Embedded Linux
IP Inputs:	32 channels
Video Outputs:	1x VGA, 1x HDMI, 1x BNC
Harddisk bay:	4 x SATA II
Max. Storage Capacity:	4x SATA, 1x eSATA, 94 TB (4x6 TB SATA, 1x6TB eSATA and 8x8 TB NAS)
Basic Internal Storage:	No
Video Compression:	H.265, H.264, MPEG4
Recording Resolution:	12 MP/ 8 MP/ 6 MP/ 5 MP/ 4 MP/ 1080P/ UXGA/ 720P/ VGA/ 4CIF/ DCIF/ 2CIF/ CIF/ QCIF
Recording Bandwidth:	max. 200 Mbps
Outgoing Bandwidth:	max. 256 Mbps
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Display resolution:	4K(3840*2160)/60Hz, 4K(3840*2160)/30Hz, 1920*1080P/60Hz, 1600*1200/60Hz, 1280*1024/60Hz, 1280*720/60Hz, 1024*768/60Hz
Playback:	Synchronised playback of max. 8 cameras
Search Mode:	Date/Time, Event Alarm, Motion, Search Backup
External Backup:	USB HDD, USB Memory, DVD-ROM, Network, eSATA
Motion Detection:	On/ Off/ Area Setting
Event Source:	Motion, Alarm, Video Loss, System
Event Action:	Pop-Up, Relay, E-Mail, FTP, Network, Buzzer, PTZ Preset
PTZ Control:	Pan/Tilt/Zoom, Camera OSD, Preset set/call
Audio Inputs:	32 channels (over IP), 1 channel (BNC, 2.0Vp-p, 1KOhms)
Audio Outputs:	1 CH, RCA
Audio Compression:	G.711
Alarm Inputs:	16 contact input N/O or N/C
Alarm Outputs:	4
ONVIF compliant:	Profile S, Profile G
Network Interface:	16x 10/100 Base T/TX PoE (RJ-45) + 1x 10/100/1000 Base T/TX (RJ-45)
PoE Budget:	200W
Remote Connections:	Up to 128 (depending on available outgoing bandwith)
Network Protocol:	DDNS, DHCP, DNS, IPv4/IPv6, NFS, NTP, PPPoE, RTP, SADP, SMTP, SNMP, TCP/IP, UDP
Serial Interface(s):	1x RS-232, 2x RS-485, 1x eSATA, 2x USB 2.0, 1x USB 3.0
Client software:	Windows (Vista, 7, 8), Web Viewer: IE, Firefox, Safari, Chrome; Mobile: iOS, Android
Certifications:	CE, RoHS
Operating Temperature:	-10°C ~ +55°C
Humidity:	10 ~ 90%RH
Chassis:	19-inch rack-mounted, 1.5U
Supply Voltage:	100 ~ 240 Vac, 50/60Hz
Dimensions (W x H x D):	445 x 390 x 70 mm - 17.52 x 15.35 x 2.76 In:
Power Consumption (W):	20 (without HDD
Weight:	5 kg - 11.02 lbs

GDS-X2008R

8 CH NVR

- Mobile client support - iPhone, iPad, Android
- 2 external I/O channels per server
- Supports 3 simultaneous client connections
- Centralized user Management
- Light Web-client viewer

REAR VIEW

Number of cameras:	8 channel max. per Server, max. 5 Server
Video Compression:	MJPEG, MPEG-4, and H.264 for analog (with encoder) and IP cameras (hundreds of models, check for compatibility)
Recording:	Continuous, motion, or event triggered recording can be scheduled using the calendar object for repetitive action
Storage Device:	Accepts internal server storage as well as NAS/SAN/DAS
Streaming:	Dual Streaming (depending on camera model)
Live Viewing:	Customizable interface with personnalized layouts and mosaics, emaps, HTML and commands
Picture and Video Export:	yes
Log File Support:	Events, macros, changes, activities per user
Smart Search Function:	Yes
CPU:	Intel Core i7 4790 / 4-Core / 3,6 Ghz / 8 MB Cache
Hard disk:	1x 64GB SSD
Harddisk bay:	4 x SATA
Memory:	8GB Dual Channel DDR3 ECC RAM (2x4GB)
Operating System:	Windows 7 Professional 64Bit
Power Consumption (W):	400
Weight:	10 kg - 22.05 lbs

GDS-X2016R

16 CH NVR

- Mobile client support - iPhone, iPad, Android
- 2 external I/O channels per server
- Supports 3 simultaneous client connections
- Centralized user Management
- Light Web-client viewer

Number of cameras:	16 channel max. per Server, max. 5 Server
Video Compression:	MJPEG, MPEG-4, and H.264 for analog (with encoder) and IP cameras (hundreds of models, check for compatibility)
Recording:	Continuous, motion, or event triggered recording can be scheduled using the calendar object for repetitive action
Storage Device:	Accepts internal server storage as well as NAS/SAN/DAS
Streaming:	Dual Streaming (depending on camera model)
Live Viewing:	Customizable interface with personnalized layouts and mosaics, emaps, HTML and commands
Picture and Video Export:	yes
Log File Support:	Events, macros, changes, activities per user
Smart Search Function:	Yes
CPU:	Intel Core i7 4790 / 4-Core / 3,6 Ghz / 8 MB Cache
Hard disk:	1x 64GB SSD
Harddisk bay:	4 x SATA
Memory:	8GB Dual Channel DDR3 ECC RAM (2x4GB)
Operating System:	Windows 7 Professional 64Bit
Power Consumption (W):	400
Weight:	10 kg - 22.05 lbs

GDS-X2024R

24 CH NVR

- Mobile client support - iPhone, iPad, Android
- 2 external I/O channels per server
- Supports 3 simultaneous client connections
- Centralized user Management
- Light Web-client viewer

Number of cameras:	24 channel max. per Server, max. 5 Server
Video Compression:	MJPEG, MPEG-4, and H.264 for analog (with encoder) and IP cameras (hundreds of models, check for compatibility)
Recording:	Continuous, motion, or event triggered recording can be scheduled using the calendar object for repetitive action
Storage Device:	Accepts internal server storage as well as NAS/SAN/DAS
Streaming:	Dual Streaming (depending on camera model)
Live Viewing:	Customizable interface with personnalized layouts and mosaics, emaps, HTML and commands
Picture and Video Export:	yes
Log File Support:	Events, macros, changes, activities per user
Smart Search Function:	Yes
CPU:	Intel Core i7 4790 / 4-Core / 3,6 Ghz / 8 MB Cache
Hard disk:	1x 64GB SSD
Harddisk bay:	4 x SATA
Memory:	8GB Dual Channel DDR3 ECC RAM (2x4GB)
Operating System:	Windows 7 Professional 64Bit
Power Consumption (W):	400
Weight:	10 kg - 22.05 lbs

GDS-X3008R

8 CH NVR

- Mobile client support - iPhone, iPad, Android
- 500 external I/O channels per server
- Up to 128 simultaneous client connections
- Centralized user Management
- Light Web-client viewer
- Optional licenses (VCH, ObR,CarR,FaceR, Failover, API)

REAR VIEW

Number of cameras:	8 channel (extendable with VCH licences)
Video Compression:	MJPEG, MPEG-4, and H.264 for analog (with encoder) and IP cameras (hundreds of models, check for compatibility)
Recording:	Continuous, motion, or event triggered recording can be scheduled using the calendar object for repetitive action
Storage Device:	Accepts internal server storage as well as NAS/SAN/DAS
Streaming:	Dual Streaming (depending on camera model)
Live Viewing:	Customizable interface with personnalized layouts and mosaics, emaps, HTML and commands
Picture and Video Export:	yes
Log File Support:	Events, macros, changes, activities per user
Smart Search Function:	Yes
CPU:	Intel Core i7 4790 / 4-Core / 3,6 Ghz / 8 MB Cache
Hard disk:	1x 64GB SSD
Harddisk bay:	4 x SATA
Memory:	8GB DDR3, 8GB Dual Channel DDR3 ECC RAM (2x4GB)
Operating System:	Windows 7 Professional 64Bit
Dimensions (W x H x D):	420 x 100 x 360 mm - 16.54 x 3.94 x 14.17 In:
Power Consumption (W):	400
Weight:	10 kg - 22.05 lbs

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GDS-X3016R

16 CH NVR

- Mobile client support - iPhone, iPad, Android
- Up to 128 simultaneous client connections
- 500 external I/O channels per server
- Centralized user Management
- Light Web-client viewer
- Optional licenses (VCH, ObR,CarR,FaceR, Failover, API)

REAR VIEW

Number of cameras:	16 channel (extendable with VCH licences)
Video Compression:	MJPEG, MPEG-4, and H.264 for analog (with encoder) and IP cameras (hundreds of models, check for compatibility)
Recording:	Continuous, motion, or event triggered recording can be scheduled using the calendar object for repetitive action
Storage Device:	Accepts internal server storage as well as NAS/SAN/DAS
Streaming:	Dual Streaming (depending on camera model)
Live Viewing:	Customizable interface with personnalized layouts and mosaics, emaps, HTML and commands
Picture and Video Export:	yes
Log File Support:	Events, macros, changes, activities per user
Smart Search Function:	Yes
CPU:	Intel Core i7 4790 / 4-Core / 3,6 Ghz / 8 MB Cache
Hard disk:	1x 64GB SSD
Harddisk bay:	4 x SATA
Memory:	8GB DDR3, 8GB Dual Channel DDR3 ECC RAM (2x4GB)
Operating System:	Windows 7 Professional 64Bit
Dimensions (W x H x D):	420 x 100 x 360 mm - 16.54 x 3.94 x 14.17 In:
Power Consumption (W):	400
Weight:	10 kg - 22.05 lbs

GDS-X3024R

24 CH NVR

- Mobile client support - iPhone, iPad, Android
- 500 external I/O channels per server
- Up to 128 simultaneous client connections
- Centralized user Management
- Light Web-client viewer
- Optional licenses (VCH, ObR,CarR,FaceR, Failover, API)

REAR VIEW

|	
Number of cameras:	24 channel (extendable with VCH licences)
Video Compression:	MJPEG, MPEG-4, and H.264 for analog (with encoder) and IP cameras (hundreds of models, check for compatibility)
Recording:	Continuous, motion, or event triggered recording can be scheduled using the calendar object for repetitive action
Storage Device:	Accepts internal server storage as well as NAS/SAN/DAS
Streaming:	Dual Streaming (depending on camera model)
Live Viewing:	Customizable interface with personnalized layouts and mosaics, emaps, HTML and commands
Picture and Video Export:	yes
Log File Support:	Events, macros, changes, activities per user
Smart Search Function:	Yes
CPU:	Intel Core i7 4790 / 4-Core / 3,6 Ghz / 8 MB Cache
Hard disk:	1x 64GB SSD
Harddisk bay:	4 x SATA
Memory:	8GB DDR3, 8GB Dual Channel DDR3 ECC RAM (2x4GB)
Operating System:	Windows 7 Professional 64Bit
Dimensions (W x H x D):	420 x 100 x 360 mm - 16.54 x 3.94 x 14.17 In:
Power Consumption (W):	400
Weight:	10 kg - 22.05 lbs

COMPABILITY

Grundig strives to provide bespoke solutions to every application, offering excellent compatibility of all its camera technologies to meet a site's needs. Grundig's TVI high definition recording solutions can be used within a system also containing analogue and IP cameras to create an outstanding, practical CCTV solution. Grundig's TVI range also offers seamless compatibility with other, third-party manufacturers of TVI cameras.

INSTALLATION

All Grundig TVI cameras are easy to install and have a comprehensive range of accessories for quick and simple installation. Each camera offers Coaxial Control, for remote set up. Grundig's TVI recorders are compatible with both TVI and analogue cameras.
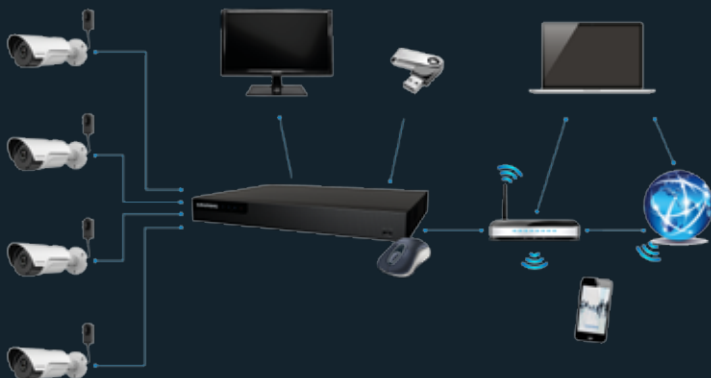
Grundig has developed its TVI high definition analogue solution, based on the HD-TVI, high definition, analogue standard. It enables reliable, long-distance analogue HD video transmission over coaxial cable.
TVI technology delivers up to 500 m, latency-free image transmission. Analogue users can enjoy HD without replacing their existing cabling structure or upgrading to IP.

One of the main benefits of TVI high definition, analogue technology is that there is zero loss of image data and zero latency when viewing live images.
This makes Grundig's new TVI cameras ideal for applications where evidential standard images are required, such as banks, casinos and retail environments, but where it is not viable or cost-effective to transmit the images over a network.

HD-TVI CAMERAS

OVERVIEW HD-TVI CAMERAS

BOX CAMERA

MODEL	PICTURE	MAXIMUM RESOLUTION	LENS FOCAL LENGTH	IR LED	WDR	OPERATING TEMP.	SUPPLY VOLTAGE	PAGE
GCT-K2305B		2MP/30fps	CS mount Auto Iris (DC),- Manual iris	no	99dB	-10°C ~ +50°C	12 VDC / 24 VAC	68

INDOOR FIXED DOME CAMERA

| GCT-K2326D | | 2MP/30fps | 2.8 ~ 12 mm Auto iris (DC) | 30 m | 99dB | -25°C ~ +55°C | 12 VDC / 24 VAC | 69 |

EYEBALL CAMERAS

| GCT-K0123E | | 2MP/30fps | 2.8 mm Fixed Iris | 20 m | no | -40°C ~ +60°C | 12 VDC | 70 |
| GCT-K0116E | | 2 MP/30fps | 3.6 mm Fixed Iris | 5m (Indoor), 3m (Outdoor) | no | -10°C ~ +50°C | 12 VDC | 71 |

OUTDOOR FIXED DOME CAMERAS

GCT-K0126V		2MP/30fps	2.8 ~ 12 mm Fixed Iris	40m	no	-40°C ~ +60°C	12 VDC	72
GCT-K1326V		2 MP/30fps	2.8 ~ 12 mm Fixed Iris	40 m	120dB	-30°C ~ +60°C	12 VDC / 24 VAC	73
GCT-K2326V		2 MP/30fps	2.8 ~ 12 mm Auto Iris (DC)	30 m	99dB	-25°C ~ +55°C	12 VDC / 24 VAC	74

BULLET CAMERAS

MODEL	PICTURE	MAXIMUM RESOLUTION	LENS FOCAL LENGTH	IR LED	WDR	OPERATING TEMP.	SUPPLY VOLTAGE	PAGE
GCT-K0123T		2MP/30fps	3.6 mm Fixed Iris	40 m	no	-40°C ~ +60°C	12 VDC	75
GCT-K0126T		2MP/30fps	2.8 ~ 12 mm Fixed Iris	40m	no	-40°C ~ +60°C	12 VDC	76
GCT-K1326T		2MP/30fps	2.8 ~ 12 mm Fixed Iris	50 m	120dB	-30°C ~ +60°C	12 VDC / 24 VAC	77
GCT-K2326T		2MP/30fps	2.8 ~ 12 mm Auto Iris (DC)	45 m	99dB	-25°C ~ +55°C	12 VDC / 24 VAC	78

OUTDOOR MOTORIZED DOME CAMERA

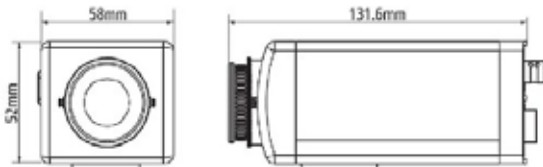|								
GCT-K1256P		2MP/30fps	4 ~ 92 mm Auto Iris (DC)	150 m	no	-30°C ~ +65°C	24 VAC	79

2 Megapixel Full HD-TVI Box Camera ICR WDR

- 2 Megapixel Sony® Exmor™ Sensor with superior low light performance
- Dual video output: HD-TVI and analogue composite
- Smart IR LED Control with adjustable level
- Motion detection function
- Privacy Zone Masking Function
- Support Dual Power AC24V/DC12V

DIMENSIONS (mm)

ACCESSORIES

GBR-WA03

Image Sensor:	1/2.8" CMOS Sony Exmor™ Progressive Scan
Pixels - Effective:	1920(H) x 1080(V)
Sensitivity Colour:	0.9 lux@50IRE (AGC max, Sensup OFF)
Sensitivity B/W:	0.001 Lux@F1.2 with Sens-up x32
Col/B:	Auto (ICR) / Color / B/W / External
Lens Mount:	C/CS mount
Lens Drive Type:	Auto iris (DC), Manual iris
Lens Shading Compensation:	On/Off
Digital Zoom:	Off ~ 8x
Smart IR:	Off / On (1~20)
High Speed Shutter:	1/25 ~ 1/30.000 sec, auto, Flicker
S/N Ratio:	>50dB (AGC off)
Digital Noise Reduction:	Off/Low/Mid/High
AGC:	0~20 adjustable
WDR:	99dB
BLC Back Light:	WDR / BLC / HLC / OFF
Highlight Compensation (HLC):	Off/ON, Level, Mode
White Balance:	ATW, AWB, AWC, Manual
Sharpness:	Off / On (1~20)
De-Fog:	Off/On
Privacy zones:	16 zones
OSD:	English
Reverse:	Off/ H-REV/ V-REV
Motion Detection:	On/ Off/ Sensitivity/ 4 Area setting
Sens up:	Off ~ x32, auto
Remote Control:	Coaxitron, data on coax cable
Video Outputs:	1 x HD-TVI (BNC), 1 x Composite 1.0Vp-p 75 OHM (BNC) WDR off
Humidity:	less than 90%, non condensing
Operating Temperature:	-10°C ~ +50°C
Supply Voltage:	12 VDC / 24 VAC
Dimensions (W x H x D):	58 x 52 x 123 mm - 2.28 x 2.05 x 4.84 In:
Power Consumption (W):	3
Weight:	0.35 kg - 0.77 lbs

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS
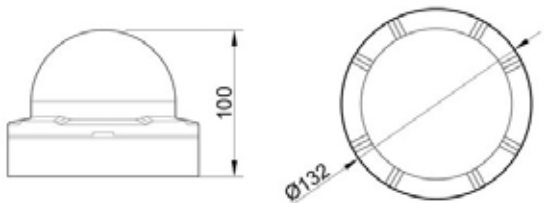
MONITORS

ACCESSORIES

GCT-K2326D

2 Megapixel Full HD-TVI Fixed Dome Camera IR 28 LED WDR

- 2 Megapixel Sony® Exmor™ Sensor with superior low light performance
- Dual video output: HD-TVI and analogue composite
- Smart IR LED Control with adjustable level
- Motion detection function
- Privacy Zone Masking Function
- 3 Axis Gimbal, to mount on Wall or Ceiling
- Support Dual Power AC24V/DC12V

Image Sensor:	1/2.8" CMOS Sony Exmor™ Progressive Scan
Pixels - Effective:	1920(H) x 1080(V)
Scanning System:	PAL, 50Hz or NTSC, 60 HZ, selectable
Sensitivity Colour:	0.9 lux@50IRE (AGC max, Sensup OFF)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto (ICR) / Color / B/W / External
Lens Focal Length:	2.8 ~ 12 mm
Viewing Angle:	120.9°(W) ~ 37.1°(T)
Iris F-Number:	F= 1.6 ~ 360
Lens Drive Type:	Auto iris (DC)
Digital Zoom:	Off ~ 8x
IR LED:	28 pcs.
Smart IR:	Off / On (1~20)
Optical Wavelength:	850 nm
Max. IR Distance:	15/30 m (according to scene reflexion)
High Speed Shutter:	1/25 ~ 1/30.000 sec, auto, Flicker
S/N Ratio:	>50dB (AGC off)
BLC Back Light:	WDR / BLC / HLC / OFF
WDR:	99dB
Digital Noise Reduction:	Off/Low/Mid/High
AGC:	0~20 adjustable, 15=default
White Balance:	ATW, AWB, AWC, Manual
Highlight Compensation (HLC):	Off/ON, Level, Mode
De-Fog:	Off/On
Privacy zones:	16 zones
OSD:	English
Reverse:	Off/ H-REV/ V-REV
Motion Detection:	On/ Off/ Sensitivity/ 4 Area setting
Sens up:	Off ~ x32, auto
Remote Control:	Coaxitron, data on coax cable
Video Outputs:	1 x HD-TVI (BNC), 1 x Composite 1.0Vp-p 75 OHM (BNC) WDR off
Humidity:	less than 90%, non condensing
Operating Temperature:	-25°C ~ +55°C
Supply Voltage:	12 VDC / 24 VAC
Power Consumption (W):	6 (LED on)
Weight:	0.5 kg - 1.1 lbs
Dimensions:	132 x 100 mm - 5.2 x 3.94 In

DIMENSIONS (mm)

100

Ø132

ACCESSORIES

GBR-WA06   GBR-IC06   GAC-B0103A   GAC-B0203A

GAC-B0303A

2 Megapixel Full HD-TVI Eyeball Camera 2.8mm ICR IR LED

- Full HD, 1920 x 1080p Output
- Smart IR Control
- Weatherproof Outdoor Installation (IP66)
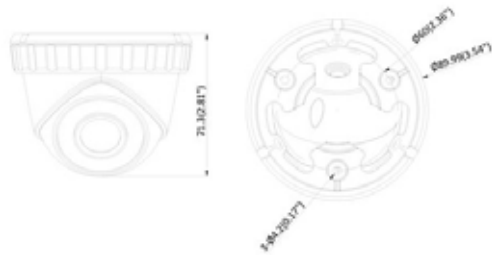- Power Input DC12V

DIMENSIONS (mm)

Image Sensor:	1/3" Progressive Scan CMOS, 2 Megapixel
Pixels - Effective:	1984(H) x 1105(V)
Scanning System:	PAL / NTSC
Sensitivity Colour:	0.01 lux @ F1.2 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto / Color / B&W, IR-cut filter removable (ICR)
Lens Focal Length:	2.8 mm
Viewing Angle:	105.5°(H) ~ 32.9°(V)
Iris F-Number:	F 2.0
Lens Drive Type:	Fixed Iris
IR LED:	24 pcs.
Optical Wavelength:	850 nm
Max. IR Distance:	10/20 m (according to scene reflexion)
High Speed Shutter:	1/25 ~ 1/50.000 sec
S/N Ratio:	>62 dB
Digital Noise Reduction:	2D DNR
AGC:	Off, Low, Middle, High
BLC Back Light:	Auto
White Balance:	ATW, Manual
OSD:	English
Reverse:	Off/ H-REV/ V-REV
Coaxial control:	Coaxitron®, CCVC
Video Outputs:	1x HD-TVI (BNC)
Protection Rating:	IP66
Humidity:	less than 90%, non condensing
Operating Temperature:	-40°C ~ +60°C
Supply Voltage:	12 VDC ±10%
Power Consumption (W):	4
Weight:	0.34 kg - 0.75 lbs
Dimensions:	90 x 70 mm - 3.54 x 2.76 In

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GCT-K0116E

2 Megapixel Full HD-TVI Eye Ball Camera 3.6mm ICR IR LED

- Miniature camera
- Full HD, 1920 x 1080p Output
- Weatherproof Outdoor Installation (IP66)
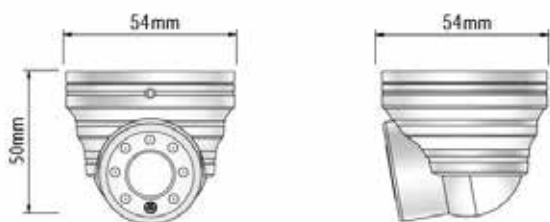- Power Input DC12V

DIMENSIONS (mm)

|	
Image Sensor:	1/2.7" Progressive scan CMOS 2 Megapixel
Pixels - Effective:	1930(H) x 1088(V)
Sensitivity Colour:	0.1 lux 50IRE@F1.8 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto (ICR) / Color / B/W / External
Lens Focal Length:	3.6 mm
Viewing Angle:	99°
Iris F-Number:	F= 1.8
Lens Drive Type:	Fixed Iris
IR LED:	10 pcs.
Optical Wavelength:	850 nm
Max. IR Distance:	5m (Indoor), 3m (Outdoor)
High Speed Shutter:	1/25 ~ 1/10,000 sec
S/N Ratio:	>40 dB
AGC:	1~5 Level
BLC Back Light:	BLC / HLC / off
White Balance:	ATW, Manual, Push, Presets (8000K, 6000K, 4200K, 3000K)
Reverse:	Mirror, 180°
Motion Detection:	On/Off (4 Zones)
Privacy zones:	2 zones, rectangle
OSD:	English
Coaxial control:	Coaxitron®, CCVC
Video Outputs:	1 CH HD-TVI (BNC)
Protection Rating:	IP66
Humidity:	less than 90%, non condensing
Operating Temperature:	-10°C ~ +50°C
Supply Voltage:	12 Vdc
Power Consumption (W):	4
Weight:	0.3 kg - 0.66 lbs
Dimensions:	54 x 50 mm - 2.13 x 1.97 In

2 Megapixel Full HD extreme backlight TVI vandalproof dome , IR LEDS

- 2 Megapixels CMOS, Colour/B&W Camera
- Varifocal Lens: f = 2.8 - 12 mm
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- Weatherproof Outdoor Installation (IP66)
- Vandal Resistant Dome (IK10)
- 3 Axis Gimbal, to mount on Wall or Ceiling

Image Sensor:	1/2.7" progressive scan CMOS
Pixels - Effective:	1984(H) x 1105(V)
Scanning System:	PAL / NTSC
Col/B:	SMART / Color / B/W
Sensitivity Colour:	0.014 lux @ F1.4 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Lens Focal Length:	2.8 ~ 12 mm
Viewing Angle:	105.2° (H) ~ 32.8° (V)
Iris F-Number:	F= 1.4
Iris Operation:	Fixed Iris
S/N Ratio:	62 dB
IR LED:	24 pcs.
Max. IR Distance:	Up to 40m
High Speed Shutter:	1/25 ~ 1/50.000 sec
Frame Rate:	25 fps (1920 x 1080)
White Balance:	ATW, Manual
BLC Back Light:	On/Off
Digital Noise Reduction:	On/Off
Reverse:	Mirror
Privacy Masking:	8 Zones
Video Outputs:	1x HD-TVI (BNC)
Coaxial control:	Control over Coax (CoC)
Protection Rating:	IK10, IP66
Operating Temperature:	-40°C ~ +60°C
Humidity:	less than 90%, non condensing
Supply Voltage:	12VDC
Power Consumption (W):	3
Weight:	0.9 kg - 1.98 lbs
Dimensions:	146 x 125 mm - 5.75 x 4.92 In

DIMENSIONS (mm)
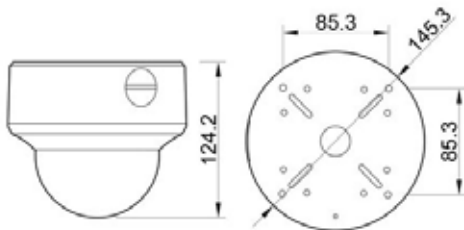
ACCESSORIES

GBR-WA09   GBR-WA09J   GBR-CE04   GBR-CM04
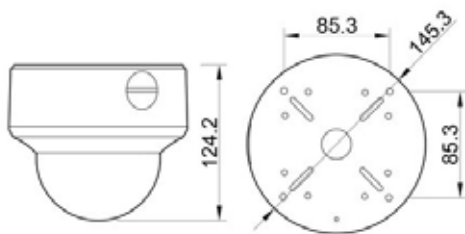

GBR-PM04

GCT-K1326V

2 Megapixel Full HD-TVI VF-Fixed Dome Camera IR LED WDR

- 2 Megapixels CMOS, Colour/B&W Camera
- Dual video output: HD-TVI and analogue composite
- Smart IR Control with adjustable level
- Motion detection function
- Privacy Zone Masking Function
- Vandal- and weather-proof
- 3 Axis Gimbal, to mount on Wall or Ceiling
- Support Dual Power AC24V/DC12V

Image Sensor:	1/3" Progressive Scan CMOS, 2 Megapixel
Pixels - Effective:	1944(H) x 1092(V)
Scanning System:	PAL / NTSC
Sensitivity Colour:	0.014 lux @ F1.4 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto (ICR) / Color / B/W / External
Lens Focal Length:	2.8 ~ 12 mm
Viewing Angle:	103°(H) ~ 32.1°(V)
Iris F-Number:	F = 1.4 ~2.8
Lens Drive Type:	Fixed Iris
Digital Zoom:	Off ~ 8x
IR LED:	24 pcs.
Smart IR:	Off / On
Optical Wavelength:	850 nm
Max. IR Distance:	25/40 m (according to scene reflexion)
High Speed Shutter:	1/25 ~ 1/50.000 sec
S/N Ratio:	>62 dB
Digital Noise Reduction:	2DNR/3DNR (Off/On)
AGC:	Adjustable
Sens up:	x2 ~ x30, auto
WDR:	120dB
BLC Back Light:	WDR / BLC / HLC / OFF
White Balance:	ATW, AWC, Manual
Privacy zones:	8 zones, polygonal
OSD:	Yes
Reverse:	Off/ H-REV/ V-REV
Motion Detection:	On/ Off/ Sensitivity/ 4 Area setting
Video enhancement:	Defog
Coaxial control:	Coaxitron®, CCVC
Video Outputs:	1 x HD-TVI (BNC), 1 x Composite 1.0Vp-p 75 OHM (BNC) WDR off
Protection Rating:	IP66 / IK10
Humidity:	less than 90%, non condensing
Operating Temperature:	-30°C ~ +60°C
Supply Voltage:	12 VDC / 24 VAC
Power Consumption (W):	6 (IR LED on)
Weight:	1.3 kg - 2.87 lbs
Dimensions:	145.3 x 124.2 mm - 5.72 x 4.89 In

FULL HD · IR · Day/Night · IP66 · IK10 · WDR

DIMENSIONS (mm)

85.3 · 145.3 · 124.2 · 85.3

ACCESSORIES

GBR-WA09   GBR-WA09J   GBR-CE04   GBR-FB10

2 Megapixel Full HD-TVI VF-Fixed Dome Camera IR LED WDR

- 2 Megapixel Sony® Exmor™ Sensor with superior low light performance
- Dual video output: HD-TVI and analogue composite
- Smart IR Control with adjustable level
- Motion detection function
- Privacy Zone Masking Function
- Vandal- and weather-proof
- 3 Axis Gimbal, to mount on Wall or Ceiling
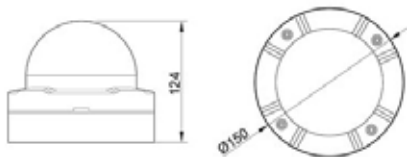- Support Dual Power AC24V/DC12V

Image Sensor:	1/2.8" CMOS Sony Exmor™ Progressive Scan
Pixels - Effective:	1920(H) x 1080(V)
Scanning System:	PAL, 50Hz or NTSC, 60 HZ, selectable
Sensitivity Colour:	0.9 lux@50IRE (AGC max, Sensup OFF)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto (ICR) / Color / B/W / External
Lens Focal Length:	2.8 ~ 12 mm
Viewing Angle:	120.9°(W) ~ 37.1°(T)
Iris F-Number:	F= 1.6 ~ 360
Lens Drive Type:	Auto iris (DC)
Digital Zoom:	Off ~ 8x
IR LED:	28 pcs.
Smart IR:	Off / On (1~20)
Optical Wavelength:	850 nm
Max. IR Distance:	15/30 m (according to scene reflexion)
High Speed Shutter:	1/25 ~ 1/30.000 sec, auto, Flicker
S/N Ratio:	>50dB (AGC off)
Digital Noise Reduction:	Off/Low/Mid/High
AGC:	0~20 adjustable, 15=default
WDR:	99dB
BLC Back Light:	On/ Off/ Area/ Level
Highlight Compensation (HLC):	Off/ON, Level, Mode
White Balance:	ATW, AWB, AWC, Manual
De-Fog:	Off/On
Privacy zones:	16 zones
OSD:	English
Reverse:	Off/ H-REV/ V-REV
Motion Detection:	On/ Off/ Sensitivity/ 4 Area setting
Sens up:	Off ~ x32, auto
Coaxial control:	Pelco-C (Coaxitron®)
Video Outputs:	1 x HD-TVI (BNC), 1 x Composite 1.0Vp-p 75 OHM (BNC) WDR off
Protection Rating:	IK10, IP66
Humidity:	less than 90%, non condensing
Operating Temperature:	-25°C ~ +55°C
Supply Voltage:	12 VDC / 24 VAC
Power Consumption (W):	6 (IR LED on)
Weight:	1 kg - 2.2 lbs
Dimensions:	150 x 124 mm - 5.91 x 4.88 In

DIMENSIONS (mm)

124

Ø150

ACCESSORIES

GBR-WA04   GBR-CE02   GBR-WB02   GBR-IC04

GAC-B0504A   GAC-B0604A   GAC-B0704A

GCT-K0123T

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

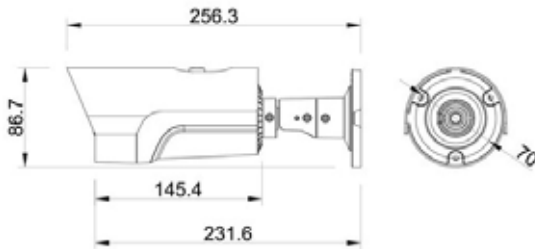HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

2 Megapixel Full HD-TVI Bullet Camera ICR IR LED

- Full HD, 1920 x 1080p Output
- Smart IR Control
- Weatherproof Outdoor Installation (IP66)
- Power Input DC12V

Image Sensor:	1/3" Progressive Scan CMOS, 2 megapixel
Pixels - Effective:	1984(H) x 1105(V)
Scanning System:	PAL / NTSC
Sensitivity Colour:	0.01 lux @ F1.2 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto / Color / B&W, IR-cut filter removable (ICR)
Lens Focal Length:	3.6 mm
Viewing Angle:	84°(H) ~ 62°(V)
Iris F-Number:	F 2.0
Lens Drive Type:	Fixed Iris
IR LED:	2 pcs. Extrem Led's
Optical Wavelength:	850 nm
Max. IR Distance:	25/40 m (according to scene reflexion)
High Speed Shutter:	1/25 ~ 1/50.000 sec
S/N Ratio:	>62 dB
Digital Noise Reduction:	2D DNR
AGC:	Off, Low, Middle, High
BLC Back Light:	Auto
White Balance:	ATW, Manual
OSD:	English
Reverse:	Off/ H-REV/ V-REV
Coaxial control:	Coaxitron®, CCVC
Video Outputs:	1x HD-TVI (BNC)
Protection Rating:	IP66
Humidity:	less than 90%, non condensing
Operating Temperature:	-40°C ~ +60°C
Supply Voltage:	12 VDC ±10%
Power Consumption (W):	3.5
Weight:	0.43 kg - 0.95 lbs
Dimensions:	86.7 x 256.3 mm - 3.41 x 10.09 In

DIMENSIONS (mm)

256.3
86.7
145.4
231.6
70

ACCESSORIES

GBR-JB03W

2 Megapixel Full HD-TVI Bullet Camera ICR IR LED

- 2 Megapixels CMOS, Colour/B&W Camera
- Varifocal Lens: f = 2.8 - 12 mm
- 0 Lux: Integrated LED IR Illuminator to see even in total darkness
- Externally Adjustable Vario Focal Lens
- Weatherproof Outdoor Installation (IP66)

ACCESSORIES

GBR-JB03W   GBR-CM04   GBR-PM04

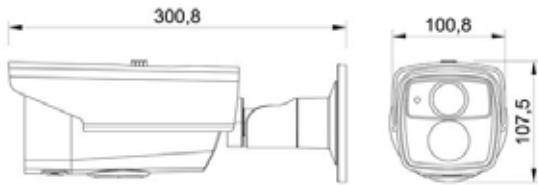|	
Image Sensor:	1/2.7" progressive scan CMOS
Pixels - Effective:	1984(H) x 1105(V)
Scanning System:	PAL / NTSC
Sensitivity Colour:	0.14 lux @ F1.4, 0.14 lux @ F1.4 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	SMART / Color / B/W
Lens Focal Length:	2.8 ~ 12 mm
Viewing Angle:	105.2° (H) ~ 32.8° (V)
Iris F-Number:	F= 1.4
Iris Operation:	Fixed Iris
IR LED:	24 pcs.
Optical Wavelength:	850 nm
Max. IR Distance:	Up to 40m
High Speed Shutter:	1/25 ~ 1/50.000 sec
Flickerless:	On/Off
S/N Ratio:	>62 dB
Digital Noise Reduction:	On/Off
AGC:	Automatic
BLC Back Light:	On/Off
White Balance:	ATW, Manual
Privacy Masking:	8 Zones
Reverse:	Mirror
Camera ID:	Off / On
Remote Control:	Coaxial control
Video Outputs:	1x HD-TVI (BNC)
Protection Rating:	IP66
Humidity:	less than 90%, non condensing
Operating Temperature:	-40°C ~ +60°C
Supply Voltage:	12VDC
Dimensions (W x H x D):	92 x 85 x 270 mm - 3.62 x 3.35 x 10.63 In:
Power Consumption (W):	5
Weight:	0.7 kg - 1.54 lbs

GCT-K1326T

2 Megapixel Full HD-TVI Bullet Camera IR LED WDR

- Full HD, 1920 x 1080p Output
- Dual video output: HD-TVI and analogue composite
- Smart IR Control
- Privacy Zone Masking Function
- Motion detection function
- Weatherproof Outdoor Installation (IP66)
- Externally Adjustable Vario Focal Lens and DC Level
- Support Dual Power AC24V/DC12V

DIMENSIONS (mm)

ACCESSORIES

GBR-JB03W   GBR-CM04   GBR-PM04

Image Sensor:	1/3" Progressive Scan CMOS, 2 Megapixel
Pixels - Effective:	1944(H) x 1092(V)
Scanning System:	PAL / NTSC
Sensitivity Colour:	0.014 lux @ F1.4 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto (ICR) / Color / B/W / External
Lens Focal Length:	2.8 ~ 12 mm
Viewing Angle:	103°(H) ~ 32.1°(V)
Iris F-Number:	F = 1.4 ~2.8
Lens Drive Type:	Fixed Iris
Digital Zoom:	Off ~ 8x
IR LED:	2 pcs. Extrem Led's
Smart IR:	Off / On
Optical Wavelength:	850 nm
Max. IR Distance:	30/50 m (according to scene reflexion)
High Speed Shutter:	1/25 ~ 1/50.000 sec
S/N Ratio:	>62 dB
Digital Noise Reduction:	2DNR/3DNR (Off/On)
AGC:	Adjustable
Sens up:	x2 ~ x30, auto
WDR:	120dB
BLC Back Light:	WDR / BLC / HLC / OFF
White Balance:	ATW, AWC, Manual
Privacy zones:	8 zones, polygonal
OSD:	English
Reverse:	Off/ H-REV/ V-REV
Motion Detection:	On/ Off/ Sensitivity/ 4 Area setting
Video enhancement:	Defog
Coaxial control:	Coaxitron®, CCVC
Video Outputs:	1 x HD-TVI (BNC), 1 x Composite 1.0Vp-p 75 OHM (BNC) WDR off
Camera ID:	15 character, On / Off
Protection Rating:	IP66
Humidity:	less than 90%, non condensing
Operating Temperature:	-30°C ~ +60°C
Supply Voltage:	12 VDC / 24 VAC
Dimensions (W x H x D):	101 x 108 x 301 mm - 3.98 x 4.25 x 11.85 In:
Power Consumption (W):	10 (IR LED on)
Weight:	1.55 kg - 3.42 lbs

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

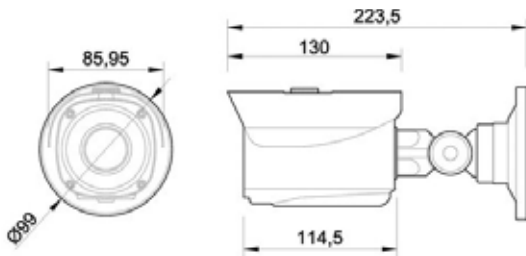HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

2 Megapixel Full HD-TVI Bullet Camera IR LED WDR

- 2 Megapixel Sony® Exmor™ Sensor with superior low light performance
- Dual video output: HD-TVI and analogue composite
- Smart IR LED Control with adjustable level
- Motion detection function
- Privacy Zone Masking Function
- Weatherproof Outdoor Installation (IP66)
- Externally Adjustable Vario Focal Lens and DC Level
- Support Dual Power AC24V/DC12V

Image Sensor:	1/2.8" CMOS Sony Exmor™ Progressive Scan
Pixels - Effective:	1920(H) x 1080(V)
Scanning System:	PAL, 50Hz or NTSC, 60 HZ, selectable
Sensitivity Colour:	0.9 lux@50IRE (AGC max, Sensup OFF)
Sensitivity B/W:	0 Lux LED IR on
Col/B:	Auto (ICR) / Color / B/W / External
Lens Focal Length:	2.8 ~ 12 mm
Viewing Angle:	120.9°(W) ~ 37.1°(T)
Iris F-Number:	F= 1.6 ~ 360
Lens Drive Type:	Auto iris (DC)
Digital Zoom:	Off ~ 8x
IR LED:	42 pcs.
Smart IR:	Off / On (1~20)
Optical Wavelength:	850 nm
Max. IR Distance:	30/45 m (according to scene reflexion)
High Speed Shutter:	1/25 ~ 1/30.000 sec, auto, Flicker
S/N Ratio:	>50dB (AGC off)
Digital Noise Reduction:	Off/Low/Mid/High
AGC:	0~20 adjustable, 15=default
WDR:	99dB
BLC Back Light:	On/ Off/ Area/ Level
Highlight Compensation (HLC):	Off/ON, Level, Mode
White Balance:	ATW, AWB, AWC, Manual
De-Fog:	Off/On
Privacy zones:	16 zones
OSD:	English
Reverse:	Off/ H-REV/ V-REV
Motion Detection:	On/ Off/ Sensitivity/ 4 Area setting
Sens up:	Off ~ x32, auto
Remote Control:	Coaxitron, data on coax cable
Video Outputs:	1 x HD-TVI (BNC), 1 x Composite 1.0Vp-p 75 OHM (BNC) WDR off
Protection Rating:	IP66
Humidity:	less than 90%, non condensing
Operating Temperature:	-25°C ~ +55°C
Supply Voltage:	12 Vdc, 24 Vac
Power Consumption (W):	8.5 (IR LED on)
Weight:	1.15 kg - 2.54 lbs
Dimensions:	99 x 223.5 mm - 3.9 x 8.8 In

DIMENSIONS (mm)

223,5
130
85,95
Ø99
114,5

ACCESSORIES

GBR-FB03   GBR-PM02

GCT-K1256P

2 MP Full HD Outdoor Motorized Dome TVI-Camera 23x Zoom ICR IR LED

- Full HD, 1920 x 1080p, 30/25 fps over coax
- 23x motorized optical zoom with 16x digital zoom
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- Integrated IR LEDs 150m range
- Weatherproof Outdoor Installation (IP66)
- High Speed Pan/Tilt (400°/sec), minimum speed (0.5°/sec)

ACCESSORIES

GBR-WA08	GBR-WA08C	GBR-WA08J	GBR-WA08P

GBR-WA08JC	GBR-WA08JP	GBR-PA08	GBR-CE08L

Image Sensor:	1/2.8" Progressive Scan CMOS
Pixels - Total:	1920(H) x 1080(V)
Sensitivity Colour:	0.05 Lux@F1.4
Sensitivity B/W:	0.005 lux@F1.4
Col/B:	Auto, IR-cut filter removable (ICR)
Shutter Speed:	1 ~ 1/10.000 sec
Lens Focal Length:	4 ~ 92 mm
Viewing Angle:	49°(Wide) ~ 2.2°(Tele)
Lens Drive Type:	Auto iris (DC)
Digital Zoom:	16x
Max. IR Distance:	150 m
Pan Speed:	Manual: 0.1°/s ~ 400°/s, Preset: 400°/s (max.)
Tilt Speed:	Manual: 0.1°/s ~ 120°/s, Preset: 200°/s (max.)
Range Panning:	360° endless
Range Tilting:	-15° ~ 90° (auto flip)
Number of Preset:	256
Sequence:	8
AGC:	Auto, Manual
S/N Ratio:	>50 dB
Number of Privacy Zones:	8
White Balance:	Auto, Manual, Indoor, Outdoor, ATW
OSD:	English, Yes
Video Outputs:	1 CH HD-TVI (BNC)
Alarm Inputs:	2
Alarm Outputs:	1
Serial Interface(s):	1x RS-485
Protection Rating:	IP66
Certifications:	CE, IP66, RoHS
Operating Temperature:	-30°C ~ +65°C
Humidity:	less than 90%, non condensing
Supply Voltage:	24 Vac
Power Consumption (W):	30
Weight:	4 kg - 8.82 lbs
Dimensions:	185 x 330 mm - 7.28 x 12.99 In

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

ANALOGUE CAMERAS

FEATURES

The Grundig 1000 TVL camera range takes analogue technology to the limit. It achieves the sharpest and most detailed images of any PAL cameras available today.
The latest Megapixel Exmor sensors are used to provide detailed images, with little or no noise, even in poor lighting conditions.
Integral video analytics detects movement, tampering, video loss or covering of the camera itself. A built-in alarm output allows the camera to report such incidents to other devices. SMART infra-red technology prevents the over-exposure of objects close to the camera, in poor lighting, ensuring faces and other details can still be recognised.

INSTALLATION

The camera offers flexible and simple installation, due to the dual voltage input and its remote configuration capability over the coaxial cable.

OVERVIEW ANALOGUE CAMERAS

BOX CAMERA

MODEL	PICTURE	LENS FOCAL LENGTH	IR LED	WDR	OPERATING TEMPERATURE	SUPPLY VOLTAGE	PAGE
GCA-H0305B		CS mount	no	96dB	-10°C ~ +50°C	12 VDC / 24 VAC	82

INDOOR FIXED DOME CAMERA

GCA-H0325D		2.8 ~ 12 mm	30 m	96dB	-25°C ~ +55°C	12 VDC / 24 VAC	83

OUTDOOR FIXED DOME CAMERAS

GCA-H0325V		2.8 ~ 12 mm	30 m	96dB	-25°C ~ +55°C	12 VDC / 24 VAC	84

BULLET CAMERAS

GCA-H0325T		2.8 ~ 12 mm	70 m	96dB	-25°C ~ +55°C	12 VDC / 24 VAC	85

1.3 Megapixel HD Box Camera ICR WDR 12VDC/24VAC

- 1.3 Megapixel Sony® Exmor™ sensor with 1000 TVL highest resolution (analog) and superior low light performance
- 3x to digital zoom without loss of resolution
- Tampering detection shows text in the image "Anti Blocking" or "Anti Shifting"
- Intelligent Video Content Analysis with Motion Tracking
- Remote Control Interfaces over Coax (Coaxitron)
- Support Dual Power AC24V/DC12V

| DNR | | LOW LIGHT | ANALYTICS | WDR |

ACCESSORIES

GBR-WA03

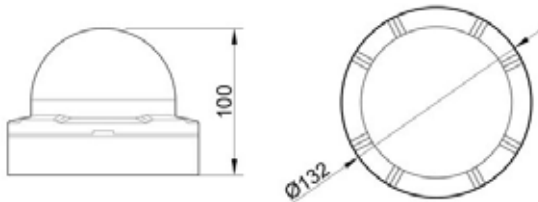|	
Image Sensor:	1/3" CMOS Sony Exmor 1.3 Megapixel
Scanning System:	PAL, 50Hz or NTSC, 60 HZ, selectable
Pixels - Effective:	1296(H) x 1032(V)
Col/B:	Auto, Color, Removable IR-Cut Filter (ICR)
Sensitivity Colour:	0.4 Lux(50IRE) @ F1.2 (SensUp=0, AGC Off), 0.0001Lux (50IRE) @ F1.2(AGC.Max., SensUpx64)
High Speed Shutter:	1/50 ~ 1/60.000 sec, auto, Antiflicker
S/N Ratio:	>50dB (AGC off)
Lens Mount:	C/CS mount with adaptor
Lens Drive Type:	Auto Iris (DC), Manual iris
Sens up:	Off ~ x64 auto
AGC:	0~20 adjustable
WDR:	>=96dB
De-Fog:	Off/On
BLC Back Light:	On/Off/HLC
White Balance:	ATW, AWB, AWC, Manual
Digital Noise Reduction:	3D-DNR : Off/Low/Mid/High
Digital Zoom:	Off ~ 8x
Motion Detection:	On/ Off/ Sensitivity/ 4 Area setting
Number of Privacy Zones:	16 programmable zones
Intelligent Video Analytics:	Scene change detection, masking of the camera lens
On Screen Alarm Information:	On camera shaking: "Unknown Motion", on brightnes change "Blocking!!"
Motion Tracking (Quick Zoom):	On/Off
Lens Shading Compensation:	On/Off
Reverse:	Off/ H-REV/ V-REV
OSD:	Yes, EN/FR/DE
Profile Presets:	Indoor, Outdoor, Elevator, Lobby, Low, High, Hallway
Remote Control:	Coaxitron, data on coax cable
Video Outputs:	1 Ch Composite BNC, 1 Test monitor 2-pin connector
Humidity:	less than 95%
Operating Temperature:	-10°C ~ +50°C
Supply Voltage:	12 VDC / 24 VAC
Power Consumption (W):	3
Weight:	0,37 kg - 0 lbs

GCA-H0325D

1.3 Megapixel HD Fixdome Camera 2.8~12mm ICR WDR IR 28 LED

- 1.3 Megapixel Sony® Exmor™ sensor with 1000 TVL highest resolution (analog) and superior low light performance
- 3x to digital zoom without loss of resolution
- Tampering detection shows text in the image "Anti Blocking" or "Anti Shifting"
- Intelligent Video Content Analysis with Motion Tracking
- Smart IR LED Control with adjustable level
- 3 Axis Gimbal, to mount on Wall or Ceiling
- Remote Control Interfaces over Coax (Coaxitron)
- Built-in Service Monitor Port & OSD Control Port

DIMENSIONS (mm)

ACCESSORIES

GBR-WA06	GBR-IC06	GKB-A0040P	GAC-B0103A

GAC-B0203A	GAC-B0303A

Image Sensor:	1/3" CMOS Sony Exmor 1.3 Megapixel
Scanning System:	PAL, 50Hz or NTSC, 60 HZ, selectable
Pixels - Effective:	1302(H) x 1049(V), 1.3 Megapixels
Col/B:	Auto, Color, Removable IR-Cut Filter (ICR)
Sensitivity Colour:	0.4 Lux(50IRE) @ F1.2 (SensUp=0, AGC Off), 0.0001Lux (50IRE) @ F1.2(AGC.Max., SensUpx64)
Sensitivity B/W:	0 Lux LED IR on
High Speed Shutter:	1/50 ~ 1/60.000 sec, auto, Antiflicker
S/N Ratio:	>50dB (AGC off)
Lens Focal Length:	2.8 ~ 12 mm
Horizontal Viewing Angle:	102° (Wide) ~ 27° (Tele)
Lens Drive Type:	Auto iris (DC)
Iris F-Number:	F= 1.2 ~ 360
Sens up:	Off ~ x64 auto
AGC:	0~20 adjustable
WDR:	96dB (Shutter WDR)
De-Fog:	Off/On
BLC Back Light:	On/Off/HLC
White Balance:	ATW, AWB, AWC, Manual
Digital Noise Reduction:	3D-DNR : Off/Low/Mid/High
Digital Zoom:	Off ~ 8x
Motion Detection:	On/ Off/ Sensitivity/ 4 Area setting
Number of Privacy Zones:	16 programmable zones
Intelligent Video Analytics:	Scene change detection, masking of the camera lens
Tampering Alarm:	On/Off
On Screen Alarm Information:	On camera shaking: "Unknown Motion", on brightnes change "Blocking!!"
Motion Tracking (Quick Zoom):	On/Off
Lens Shading Compensation:	On/Off
Reverse:	Off/ H-REV/ V-REV
OSD:	Yes, E/D/F/I
Profile Presets:	Indoor, Outdoor, Elevator, Lobby, Low, High, Hallway
IR LED:	28 pcs.
Optical Wavelength:	850 nm
Max. IR Distance:	15/30 m (according to scene reflexion)
Remote Control:	Coaxitron, data on coax cable
Video Outputs:	1 Ch Composite BNC, 1 Test monitor 2-pin connector
Alarm Outputs:	1
Accessories included:	Multi-Language Manual, Template, Cable for Service Monitor, Screws, screw driver for Zoom and Focus adjustment
Humidity:	less than 90%, non condensing
Operating Temperature:	-25°C ~ +55°C
Supply Voltage:	12 VDC / 24 VAC
Power Consumption (W):	6 (LED on)
Weight:	0,37 kg - 0 lbs
Dimensions:	132 x 100 mm - 5.2 x 3.94 In

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

1.3 Megapixel HD Integrated Camera 2.8~12mm ICR WDR IR 42 LED

- 1.3 Megapixel Sony® Exmor™ sensor with 1000 TVL highest resolution (analog) and superior low light performance
- 3x to digital zoom without loss of resolution
- Tampering detection shows text in the image "Anti Blocking" or "Anti Shifting"
- Intelligent Video Content Analysis with Motion Tracking
- Smart IR LED Control with adjustable level
- Remote Control Interfaces over Coax (Coaxitron)
- Built-in Service Monitor Port & OSD Control Port
- Support Dual Power AC24V/DC12V

DIMENSIONS (mm)

223,5
130
85,95
Ø99
114,5
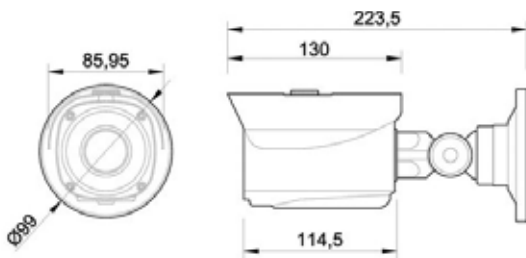
ACCESSORIES

GBR-FB03   GBR-PM02   GKB-A0040P

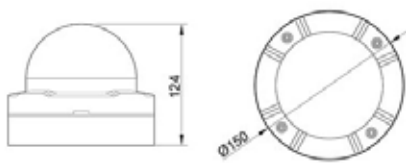|	
Image Sensor:	1/3" CMOS Sony Exmor 1.3 Megapixel
Scanning System:	PAL, 50Hz or NTSC, 60 HZ, selectable
Pixels - Effective:	1302(H) x 1049(V), 1.3 Megapixels
Col/B:	Auto, Color, Removable IR-Cut Filter (ICR)
Sensitivity Colour:	0.4 Lux(50IRE) @ F1.2 (SensUp=0, AGC Off), 0.0001Lux (50IRE) @ F1.2(AGC.Max., SensUpx64)
Sensitivity B/W:	0 Lux LED IR on
High Speed Shutter:	1/50 ~ 1/60.000 sec, auto, Antiflicker
S/N Ratio:	>50dB (AGC off)
Lens Focal Length:	2.8 ~ 12 mm
Horizontal Viewing Angle:	102° (Wide) ~ 27° (Tele)
Lens Drive Type:	Auto Iris (DC)
Iris F-Number:	F= 1.2 ~ 360
Sens up:	Off ~ x64 auto
AGC:	0~20 adjustable
WDR:	96dB (Shutter WDR)
De-Fog:	Off/On
BLC Back Light:	On/Off/HLC
White Balance:	ATW, AWB, AWC, Manual
Digital Noise Reduction:	3D-DNR : Off/Low/Mid/High
Digital Zoom:	Off ~ 8x
Motion Detection:	On/ Off/ Sensitivity/ 4 Area setting
Number of Privacy Zones:	16 programmable zones
Intelligent Video Analytics:	Scene change detection, masking of the camera lens
Tampering Alarm:	On/Off
On Screen Alarm Information:	On camera shaking: "Unknown Motion", on brightnes change "Blocking!!"
Motion Tracking (Quick Zoom):	On/Off
Lens Shading Compensation:	On/Off
Reverse:	Off/ H-REV/ V-REV
OSD:	Yes, EN/FR/DE
Profile Presets:	Indoor, Outdoor, Elevator, Lobby, Low, High, Hallway
IR LED:	42 pcs.
Optical Wavelength:	850 nm
Max. IR Distance:	45/70 m (according to scene reflexion)
Remote Control:	Coaxitron, data on coax cable
Video Outputs:	1 Ch Composite BNC, 1 Test monitor 2-pin connector
Alarm Outputs:	1
Accessories included:	Multi-Language Manual, Template, Cable for Service Monitor, Screws, screw driver for Zoom and Focus adjustment
Protection Rating:	IP66
Humidity:	less than 90%, non condensing
Operating Temperature:	-25°C ~ +55°C
Supply Voltage:	12 VDC / 24 VAC
Power Consumption (W):	8.4 (LED on)
Weight:	1 kg - 2.2 lbs
Dimensions:	99 x 224 mm - 3.9 x 8.82 In

GCA-H0325V

1.3 Megapixel HD Fixdome Camera 2.8~12mm ICR WDR IR 28 LED

- 1.3 Megapixel Sony® Exmor™ sensor with 1000 TVL highest resolution (analog) and superior low light performance
- Tampering detection shows text in the image "Anti Blocking" or "Anti Shifting"
- Intelligent Video Content Analysis with Motion Tracking
- Smart IR LED Control with adjustable level
- 3 Axis Gimbal, 2 ways to mount: Wall/Ceiling Flat and Flush
- Remote Control Interfaces over Coax (Coaxitron)
- Built-in Service Monitor Port & OSD Control Port
- Support Dual Power AC24V/DC12V

Image Sensor:	1/3" CMOS Sony Exmor 1.3 Megapixel
Scanning System:	PAL, 50Hz or NTSC, 60 HZ, selectable
Pixels - Effective:	1302(H) x 1049(V), 1.3 Megapixels
Col/B:	Auto, Color, Removable IR-Cut Filter (ICR)
Sensitivity Colour:	0.4 Lux(50IRE) @ F1.2 (SensUp=0, AGC Off), 0.0001Lux (50IRE) @ F1.2(AGC.Max., SensUpx64)
Sensitivity B/W:	0 Lux LED IR on
High Speed Shutter:	1/50 ~ 1/60.000 sec, auto, Antiflicker
S/N Ratio:	>50dB (AGC off)
Lens Focal Length:	2.8 ~ 12 mm
Horizontal Viewing Angle:	102° (Wide) ~ 27° (Tele)
Lens Drive Type:	Auto Iris (DC)
Iris F-Number:	F= 1.2 ~ 360
Sens up:	Off ~ x64 auto
AGC:	0~20 adjustable
WDR:	96dB (Shutter WDR)
De-Fog:	Off/On
BLC Back Light:	On/Off/HLC
White Balance:	ATW, AWB, AWC, Manual
Digital Noise Reduction:	3D-DNR : Off/Low/Mid/High
Digital Zoom:	Off ~ 8x
Motion Detection:	On/ Off/ Sensitivity/ 4 Area setting
Number of Privacy Zones:	16 programmable zones
Intelligent Video Analytics:	Scene change detection, masking of the camera lens
Tampering Alarm:	On/Off
On Screen Alarm Information:	On camera shaking: "Unknown Motion", on brightnes change "Blocking!!"
Motion Tracking (Quick Zoom):	On/Off
Lens Shading Compensation:	On/Off
Reverse:	Off/ H-REV/ V-REV
OSD:	Yes, EN/FR/DE
Profile Presets:	Indoor, Outdoor, Elevator, Lobby, Low, High, Hallway
IR LED:	28 pcs.
Optical Wavelength:	850 nm
Max. IR Distance:	15/30 m (according to scene reflexion)
Remote Control:	Coaxitron, data on coax cable
Video Outputs:	1 Ch Composite BNC, 1 Test monitor 2-pin connector
Alarm Outputs:	1
Accessories included:	Multi-Language Manual, Template, Cable for Service Monitor, Screws, screw driver for Zoom and Focus adjustment
Protection Rating:	IK10, IP67
Humidity:	less than 90%, non condensing
Operating Temperature:	-25°C ~ +55°C
Supply Voltage:	12 VDC / 24 VAC
Power Consumption (W):	6 (LED on)
Weight:	1.03 kg - 2.27 lbs
Dimensions:	150 x 124 mm - 5.91 x 4.88 In

DIMENSIONS (mm)

124

Ø150

ACCESSORIES

GBR-WA04 GBR-WB02 GBR-CE02 GBR-IC04

GKB-A0040P GAC-B0504A GAC-B0604A GAC-B0704A

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES
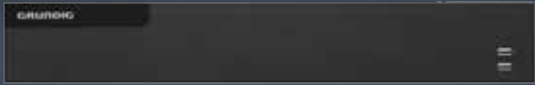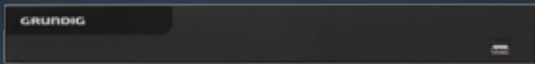
The HD-TVI recorders from Grundig connects with TVI, analogue and Full HD IP cameras.
This enables incredible system flexibility, allowing for site upgrades from analogue to TVI and IP, or to create bespoke systems using a mix of technologies to suit operational and budget demands. The connect line offers to add 2 Full HD IP cameras, while the professional DVRs allow you to disable TVI or analogue channels and use IP instead, offering you a true tribid system with up to 18 channels

Next to the internal storage you can add Network attached Storage devices to add additional 64TB of storage to any of our recorders.
A "Digital Spot Monitor" feature allows users to display the video from all the system cameras, using just the bandwidth equivalent of a single, Full HD channel. The DVRs support Grundig and other ONVIF IP camerasmaking system upgrades quick and simple. Intelligent event and alarm management features provide rapid search functionality, automatically triggering a series of agreed actions.

Remote access for viewing and managing the NVRs is enabled using an intuitive SCMS App and SCMS PC application.

HD-TVI / ANALOGUE RECORDERS

OVERVIEW HD-TVI/ ANALOGUE RECORDERS

STANDALONE HDVR RECORDER

| MODEL	PICTURE	VIDEO INPUTS	MAXIMUM STORAGE CAPACITY	RECORDING RESOLUTION	VIDEO OUTPUTS	ALARM INPUTS	PAGE
GRT-K1104A		4 CH 960H/HD-TVI (BNC) + 2 CH IP	68 TB (1x4 TB SATA and 8x8 TB NAS)	1920x1080, 1280x720, 960x576, 704x576, 352x288	1x VGA, 1x HDMI	4 contact input N/O or N/C	88
GRT-K2208A		8 CH 960H/HD-TVI (BNC) + 2 CH IP	72 TB (2x4 TB SATA and 8x8 TB NAS)	1920x1080, 1280x720, 960x576, 704x576, 352x288	1x VGA, 1x HDMI	8 contact input N/O or N/C	89
GRT-K4416A		16 CH 960H/HD-TVI (BNC) + 2 CH IP	72 TB (2x4 TB SATA and 8x8 TB NAS)	1920x1080, 1280x720, 960x576, 704x576, 352x288	1x VGA, 1x HDMI	16 contact input N/O or N/C	90
GRY-K4416A		16 CH 960H/HD-TVI (BNC) or 18 CH IP	84 TB (4x4 TB SATA, 1x4TB eSATA and 8x8 TB NAS)	1920x1080, 1280x720, 960x576, 704x576, 352x288	1x VGA, 1x HDMI, 1x BNC (spot)	16 contact input N/O or N/C	91

BODY WORN CAMERA

| MODEL	PICTURE	VIDEO RESOLUTION	FRAME RATE	SD MEMORY	MAXIMUM IR DISTANCE	OPERATING TEMPERATURE	PAGE
GBW-G0116X		Super HD (2304x1296), 1080p (1920x1080), 720p(1280x720), WVGA(848x480)	30fps@SHD, 60fps@FHD, 30fps@FHD, 60fps@HD, 30fps@HD, 30fps@WVGA	32GB built in	10/15 m (according to scene reflexion)	-30°C ~ +55°C (working time 30 Minutes at -30°)	92

4 CH Hybrid HD-TVI / Analog, real time Video Recorder

- Accepts either HD-TVI or analog cameras (960H) for every channel
- 2 IP camera2 in 1080p (6 Mbps)
- Auto detects HD-TVI or analog cameras
- High Picture Quality in video display : 1920x1080 (HDMI and VGA outputs)
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Various recording features (Normal, schedule, motion, alarm)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
- Recorded files backup via USB device
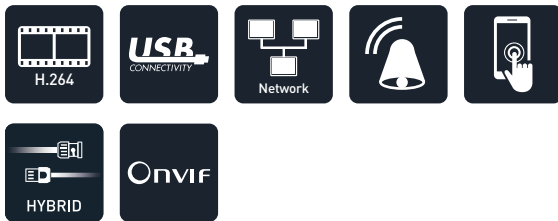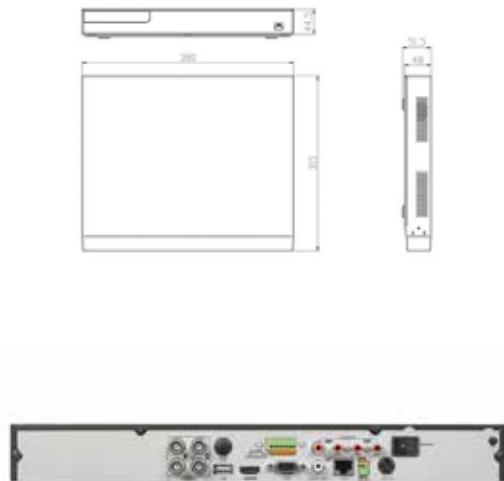
Operating System:	Embedded OS
Video Inputs:	4 CH 960H/HD-TVI (BNC) + 2 CH IP
Video Compression:	H.264
Recording Speed:	25 fps per channel
Recording Resolution:	1920x1080, 1280x720, 960x576, 704x576, 352x288
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Playback:	Synchronised playback of max. 4 cameras
Motion Detection:	On/ Off/ Area Setting
Search Mode:	Date/Time, Event Alarm, Motion, Search Backup
External Backup:	USB HDD, USB Memory, Network
Video Outputs:	1x VGA, 1x HDMI
Display resolution:	max. 1920 x 1080
Display Speed:	25 fps per channel
Control:	Mouse (USB), WEB browser or client software
Harddisk bay:	1 x SATA II
Max. Storage Capacity:	68 TB (1x4 TB SATA and 8x8 TB NAS)
Audio Inputs:	4 CH RCA (2.0Vp-p, 1KOhms)
Audio Outputs:	1 CH, RCA
Audio Compression:	G.726, G.711 a/u, G.722
Serial Interface(s):	1x RS485 half duplex
Alarm Inputs:	4 contact input N/O or N/C
Alarm Outputs:	1 Relay
Network Interface:	1x 10/100/1000 Base T/TX (RJ-45)
Network Protocol:	IPv4, IPv6, TCP/IP, UDP, RTP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI
Client software:	Windows (Vista, 7, 8), Web Viewer: IE, Firefox, Safari, Chrome; Mobile: iOS, Android
Operating Temperature:	-10°C ~ +55°C
Operating Humidity:	10% ~ 90%, non-condensing
Supply Voltage:	12 VDC (External Power Supply)
Dimensions (W x H x D):	380 x 290 x 48 mm - 14.96 x 11.42 x 1.89 In:
Power Consumption (W):	15 (no HDD)
Weight:	1.5 kg - 3.31 lbs

DIMENSIONS (mm)

GRT-K2208A

8 CH Hybrid HD-TVI / Analog, real time Video Recorder

- Accepts either HD-TVI or analog cameras (960H) for every channel
- Up to 2 IP cameras in 1080p (6 Mbps)
- Auto detects HD-TVI or analog cameras
- High Picture Quality in video display : 1920x1080 (HDMI and VGA outputs)
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Various recording features (Normal, schedule, motion, alarm)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
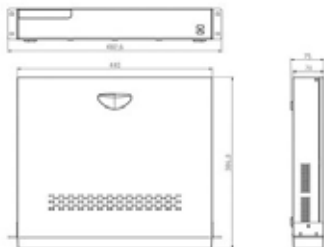- Recorded files backup via USB device

Operating System:	Embedded OS
Video Inputs:	8 CH 960H/HD-TVI (BNC) + 2 CH IP
Video Compression:	H.264
Recording Speed:	25 fps per channel
Recording Resolution:	1920x1080, 1280x720, 960x576, 704x576, 352x288
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Playback:	Synchronised playback of max. 8 cameras
Motion Detection:	On/ Off/ Area Setting
Search Mode:	Date/Time, Event Alarm, Motion, Search Backup
External Backup:	USB HDD, USB Memory, Network
Video Outputs:	1x VGA, 1x HDMI
Display resolution:	max. 1920 x 1080
Display Speed:	25 fps per channel
Max. Storage Capacity:	72 TB (2x4 TB SATA and 8x8 TB NAS)
Harddisk bay:	2 x SATA II
Audio Inputs:	4 CH RCA (2.0Vp-p, 1KOhms)
Audio Outputs:	1 CH, RCA
Audio Compression:	G.711 a/u, G.722, G.726
Serial Interface(s):	1x RS485 half duplex
Alarm Inputs:	8 contact input N/O or N/C
Alarm Outputs:	4 Relay
Network Interface:	1x 10/100/1000 Base T/TX (RJ-45)
Network Protocol:	IPv4, IPv6, TCP/IP, UDP, RTP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI
Client software:	Windows (Vista, 7, 8), Web Viewer: IE, Firefox, Safari, Chrome; Mobile: iOS, Android
Operating Temperature:	-10°C ~ +55°C
Operating Humidity:	10% ~ 90%, non-condensing
Supply Voltage:	12 VDC (External Power Supply)
Dimensions (W x H x D):	380 x 290 x 48 mm - 14.96 x 11.42 x 1.89 In:
Power Consumption (W):	20 (no HDD)
Weight:	2 kg - 4.41 lbs

DIMENSIONS (mm)

REAR VIEW

GRT-K4416A

16 CH Hybrid HD-TVI / Analog, real time Video Recorder

- Accepts either HD-TVI or analog cameras (960H) for every channel
- Up to 2 IP cameras in 1080p (6 Mbps)
- Auto detects HD-TVI or analog cameras
- High Picture Quality in video display : 1920x1080 (HDMI and VGA outputs)
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Various recording features (Normal, schedule, motion, alarm)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
- Recorded files backup via USB device

Operating System:	Embedded OS	
Video Inputs:	16 CH 960H/HD-TVI (BNC) or 18 CH IP	
Video Compression:	H.264	
Recording Speed:	25 fps per channel	
Recording Resolution:	1920x1080, 1280x720, 960x576, 704x576, 352x288	
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule	
Playback:	Synchronised playback of max. 8 cameras	
Motion Detection:	On/ Off/ Area Setting	
Search Mode:	Date/Time, Event Alarm, Motion, Search Backup	
External Backup:	USB HDD, USB Memory, Network	
Video Outputs:	1x VGA, 1x HDMI	
Display resolution:	max. 1920 x 1080	
Display Speed:	25 fps per channel	
Max. Storage Capacity:	72 TB (2x4 TB SATA and 8x8 TB NAS)	
Harddisk bay:	2 x SATA II	
Audio Inputs:	4 CH RCA (2.0Vp-p, 1KOhms)	
Audio Outputs:	1 CH, RCA	
Audio Compression:	G.711 a/u, G.722, G.726	
Serial Interface(s):	1x RS485 half duplex	
Alarm Inputs:	16 contact input N/O or N/C	
Alarm Outputs:	4 Relay	
Network Interface:	1x 10/100/1000 Base T/TX (RJ-45)	
Network Protocol:	IPv4, IPv6, TCP/IP, UDP, RTP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI	
Client software:	Windows® (XP, Vista, 7, 8, 10), Web Viewer: IE®, Firefox®, Safari®, Mobile: iOS, Android®	
Operating Temperature:	-10°C ~ +55°C	
Operating Humidity:	10% ~ 90%, non-condensing	
Supply Voltage:	12 VDC (External Power Supply)	
Dimensions (W x H x D):	380 x 290 x 48 mm - 14.96 x 11.42 x 1.89 In:	
Power Consumption (W):	45 (no HDD)	
Weight:	2 kg - 4.41 lbs	

DIMENSIONS (mm)

REAR VIEW

GRY-K4416A

16 CH Tribrid HD-TVI / IP / Analog, real time Video Recorder

- Accepts either HD-TVI, IP or analog cameras (960H) for every channel
- Up to 18 IP cameras in 1080p (6 Mbps)
- Auto detects HD-TVI or analog cameras
- High Picture Quality in video display : 1920x1080 (HDMI and VGA outputs)
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Various recording features (Normal, schedule, motion, alarm)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
- eSATA interface: add external Hard drive to increase record capacity

DIMENSIONS (mm)

REAR VIEW

Operating System:	Embedded OS
Video Inputs:	16 CH 960H/HD-TVI (BNC) or 18 CH IP
Video Compression:	H.264
Recording Speed:	25 fps per channel
Recording Resolution:	1920x1080, 1280x720, 960x576, 704x576, 352x288
Recording Mode:	Continuous, Event Alarm, Motion, Video Loss, Schedule
Playback:	Synchronised playback of max. 16 cameras
Motion Detection:	On/ Off/ Area Setting
Search Mode:	Date/Time, Event Alarm, Motion, Search Backup
External Backup:	USB HDD, USB Memory,Network, eSATA
Video Outputs:	1x VGA, 1x HDMI, 1x BNC
Display resolution:	Up to 1920x1080 (HDMI / VGA), 704x576 (BNC)
Display Speed:	25 fps per channel
Control:	Mouse (USB), WEB browser or client software
Harddisk bay:	4 x SATA II
Max. Storage Capacity:	84 TB (4x4 TB SATA, 1x4TB eSATA and 8x8 TB NAS)
Audio Inputs:	4 CH RCA (2.0Vp-p, 1KOhms)
Audio Outputs:	2 CH, RCA
Audio Compression:	G.711 a/u, G.722, G.726
Serial Interface(s):	1x RS-232, 1x RS-485 (PTZ), 1x RS-485 (Keyboard)
Alarm Inputs:	16 contact input N/O or N/C
Alarm Outputs:	4 Relay
Operating Temperature:	-10°C ~ +55°C
Network Interface:	1x 10/100/1000 Base T/TX (RJ-45)
Network Protocol:	DHCP, DNS, IPv4/IPv6, iSCSI, NFS, NTP, PPPoE, RTP, SADP, SMTP, SNMP, TCP/IP, UDP
Client software:	Windows (Vista, 7, 8), Web Viewer: IE, Firefox, Safari, Chrome; Mobile: iOS, Android
Operating Humidity:	10% ~ 90%, non-condensing
Chassis:	19-inch rack-mounted, 1.5U
Supply Voltage:	110 ~ 240 Vac, 50/60Hz
Dimensions (W x H x D):	445 x 390 x 70 mm - 17.52 x 15.35 x 2.76 In:
Power Consumption (W):	55 (no HDD)
Weight:	5 kg - 11.02 lbs

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

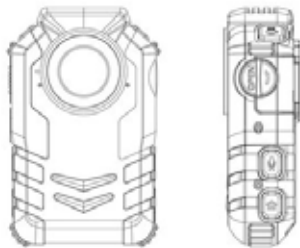### 4 Megapixel Full HD IP68 Body Worn Camera ICR IR LED

- 4 Megapixels CMOS, Colour/B
- Super HD (2304x1296) and Full HD 1080p resolution video recording
- IR LEDs integrated
- 154° viewing angle
- IP 68 Certification
- Built in 32GB SDRAM
- Video, Image and Audio Recording
- Vibration can activate video recording

DIMENSIONS (mm)

REAR VIEW

Image Sensor:	1/3" CMOS 4.0 Megapixel
Pixels - Total:	2688(H) x 1520 (V)
Sensitivity B/W:	0 Lux LED IR on
S/N Ratio:	32.3 dB (AGC Off)
Col/B:	On/Off/Auto
Lens Focal Length:	2.56 mm
Minimum Object Distance:	0.5 m
Viewing Angle:	154°
Iris F-Number:	F 2.4
Lens Drive Type:	Fixed Iris
IR LED:	8 pcs.
Max. IR Distance:	10/15 m (according to scene reflexion)
Optical Wavelength:	850 nm
Video Resolution:	Super HD (2304x1296), 1080p (1920x1080), 720p(1280x720), WVGA(848x480)
Frame Rate:	30fps@SHD, 60fps@FHD, 30fps@FHD, 60fps@HD, 30fps@HD, 30fps@WVGA
Video Compression:	H.264
Audio Compression:	ADPCM
Image Size:	2688x1512 (5376x3024,6016x3384,7680x4320 by Software upscaling)
Video Text Overlay:	15 character, 1 lines
Digital Zoom:	8x
White Balance:	ATW
DIS: Digital Image Stabilization:	yes
Access protection:	Password
Audio Inputs:	Built in Microphone
Audio Outputs:	Built-in Speaker, Phone Jack 2.5mm
SD memory:	32GB built in
Display:	2" LCD (960x480pixels)
LED Indicator:	Power, Video Recording, Photo, Voice Recording, Replay, Shut off, Intercom, Reset, Stand by
Serial Interface(s):	1x Mini HDMI, 1x Mini USB
Battery:	3200mA/h
Regulation:	CE, IP68
Operating Temperature:	-30°C ~ +55°C (working time 30 Minutes at -30°)
Operating Humidity:	15% ~ 85% non condensing
Supply Voltage:	5 VDC by USB port
Dimensions (W x H x D):	60 x 93 x 27.5 mm - 2.36 x 3.66 x 1.08 In:
Power Consumption (W):	8
Weight:	0.18 kg - 0.4 lbs

ACCESSORIES

GBW-GPS

The Grundig body worn camera is designed to capture essential information at any time and in any place. Equipped with built-in IR illumination, the camera offers 60fps, Full HD video recording in almost total darkness (zero Lux) conditions, whilst the built-in microphone records sound. T
he rugged camera casing is IP68-rated, so water and dust do not affect it.

All images, video and sound files are recorded on the camera's built-in, 32GB SD card in password protected files to avoid accidental deletion. The built-in screen and speaker can be used to check recorded evidence or display video for others to see.

BODY WORN CAMERA & RECORDING DEVICE

HD MONITORS

Starting at 10" and going up to 40", Grundig offers a comprehensive range of monitors to suit different applications. From a small preview monitor to a large video wall system, Grundig has the solution.

All our monitors offer a range of input options and have resolutions from 640x 480 pixels up to 4K.

MONITOR EQUIPMENT

All models come with 24/7 rated power supplies and are equipped with low energy consumption LED illumination.
This ensures the monitors can be run all day, while consuming as little power as possible. LED illumination also ensures greater longevity for our monitors, compared to traditional CCFL illuminated monitors.

Some monitor models come with scratch-resistant, protective glass.

MONITORS

OVERVIEW MONITORS

MONITORS <20"

MODEL	PICTURE	LCD PANEL SIZE	PIXELS TOTAL	BRIGHT-NESS	CONTRAST RATIO	RESPONSE TIME	VIDEO INPUTS	PAGE
GMT-1031P		10" Diagonal AM-TFT LED Backlight	800(H) x 600(V)	350 cd/m²	300:1	8 ms	1x Composite BNC Looped, 1x VGA	98
GML-1032M		10" Diagonal AM-TFT LED Backlight	800(H) x 600(V)	300 cd/m²	500:1	8 ms	1x Composite BNC, 1x HDMI, 1x S-Video, 1x VGA	99
GML-1033M		10" Diagonal AM-TFT LED Backlight	1280 (H) x 800 (V)	400 cd/m²	500:1	8 ms	1x Composite BNC, 1x HDMI, 1x S-Video, 1x VGA	100
GML-1730M		17 Diagonal AM-TFT LED Backlight	1280(H) x 1024(V)	300 cd/m²	10.000:1	5 ms	2x Composite BNC Looped, 1x VGA, 1x HDMI	101
GML-1912M		19 Diagonal AM-TFT LED Backlight	1280(H) x 1024(V)	250 cd/m²	1000:1	5 ms	2x Composite BNC, 1x VGA, 1 HDMI	102
GML-2010E		19.53 Diagonal AM-TFT LED Backlight	1920(H) x 1080(V)	250 cd/m²	1000:1	12 ms	1x HDMI, 1x VGA	103

MONITORS >20"

MODEL	PICTURE	LCD PANEL SIZE	PIXELS TOTAL	BRIGHT-NESS	CONTRAST RATIO	RESPONSE TIME	VIDEO INPUTS	PAGE
GML-2210E		21,5 Diagonal TFT-LCD LED Backlight	1920(H) x 1080(V)	300 cd/m²	1000:1	5 ms	1x HDMI, 1x VGA	104
GML-2231M		21,5 Diagonal AM-TFT LED Backlight	1920(H) x 1080(V)	300 cd/m²	10.000:1	5 ms	1x Composite BNC Looped, 2x HDMI, 1x VGA	105
GML-2431M		23,6 Diagonal AM-TFT LED Backlight	1920(H) x 1080(V)	300 cd/m²	10.000:1	5 ms	1x Composite BNC Looped, 2x HDMI, 1x VGA	106
GML-2810U		28 Diagonal TFT-LCD LED Backlight	3840(H) x 2160(V)	300 cd/m²	1000:1	Tr: 1.5ms Tf: 3.5ms	1x Display Port, 1xDVI-D, 2 HDMI	107
GML-3210M		32 Diagonal TFT	1920(H) x 1080(V)	400 cd/m²	3000:1	6.5 ms	1 x Composite BNC Looped, 1x HDMI, 1x S-Video, 1x VGA	108
GML-4010M		40 Diagonal TFT	1920(H) x 1080(V)	400 cd/m²	3000:1	6.5 ms	1x Composite BNC Looped, 1x HDMI, 1x S-Video, 1x VGA	109

25.6 cm (10.1) LCD/TFT-Monitor LED backlight

- Displays a full, flat 10.4" (26cm) diagonal image
- High Contrast Ratio
- 1 CVBS looped, 1 VGA video inputs
- Metal cabinet
- Tempered glass
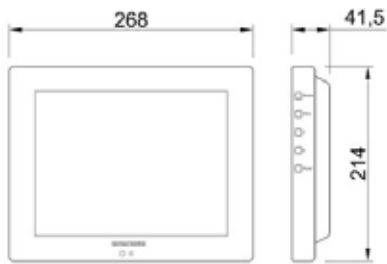
TEMPERED GLASS   VESA MOUNT

LCD Panel size:	10" Diagonal LED Backlight
Pixels - Total:	800(H) x 600(V)
Pixel Pitch:	0.264 mm(H) x 0.264 mm(V)
Aspect Ratio:	4 : 3
Video Standard:	PAL/NTSC
Video Inputs:	1 CH Composite, BNC, Looped, 1x VGA
Viewing Angle:	140°(H) ~ 110°(V)
Contrast ratio:	300:1
Brightness:	350 cd/m²
Response Time:	8 ms
Number of Colours:	16.7 million
Display protection:	Tempered Glass
Display Mode:	AV (BNC), VGA
OSD:	Yes, multi language
Operating Temperature:	0°C ~ +50°C
Storage Temperature:	-20°C ~ +60°C
Accessories included:	Table stand bracket & PSU & VGA cable
MTBF at 25° C:	> 30,000 hours
Vesa Mount:	75 x 75 mm
Supply Voltage:	12 VDC, (100~240 VAC, 50/60Hz)
Dimensions (W x H x D):	268 x 214 x 41.5 mm - 10.55 x 8.43 x 1.63 In:
Power Consumption (W):	8
Weight:	1.71 kg - 3.77 lbs

DIMENSIONS (mm)

268   41,5

214

GML-1032M

25.6 cm (10.1) LCD/TFT Monitor LED backlight 4:3

- Displays a full, flat 10.1" (25.6cm) diagonal image
- High Contrast Ratio
- Metal cabinet
- Tempered glass
- USB interface

VESA MOUNT | LongLife | Protection Glass

LCD Panel size:	10" Diagonal LED Backlight
Pixels - Total:	800(H) x 600(V)
Pixel Pitch:	0.264 mm(H) x 0.264 mm(V)
Aspect Ratio:	4 : 3
Video Standard:	PAL/NTSC
Video Inputs:	1x Composite, BNC, 1x HDMI, 1x S-Video, 1x VGA
Backlight:	LED backlight
Viewing Angle:	90°(H) ~ 110°(V)
Contrast ratio:	500:1
Brightness:	300 cd/m²
Response Time:	8 ms
Number of Colours:	16.7 million
Display protection:	Tempered Glass
OSD:	Yes, multi language
Serial Interface(s):	USB
Operating Temperature:	0°C ~ +65°C
Storage Temperature:	-20°C ~ +60°C
Accessories included:	Table stand bracket & PSU & VGA cable
MTBF at 25° C:	> 50,000 hours
Vesa Mount:	75 x 75 mm
Supply Voltage:	12 VDC, (100~240 VAC, 50/60Hz)
Dimensions (W x H x D):	241 x 192 x 35 mm - 9.49 x 7.56 x 1.38 In:
Power Consumption (W):	13
Weight:	1.71 kg - 3.77 lbs

DIMENSIONS (mm)

167

35

246.4

PLUGS

GML-1033M

25.6 cm (10.1) LCD/TFT Monitor LED backlight 16:9

- Displays a full, flat 10.1" (25.6cm) diagonal image
- High Contrast Ratio
- Metal cabinet
- Tempered glass
- USB interface

LCD Panel size:	10" Diagonal LED Backlight
Pixels - Total:	1280 (H) x 800 (V)
Pixel Pitch:	0.1695 mm(H) x 0.1695 mm(V)
Aspect Ratio:	16 : 10
Video Standard:	PAL/NTSC
Video Inputs:	1x Composite, BNC, 1x HDMI, 1x S-Video, 1x VGA
Backlight:	LED backlight
Viewing Angle:	176°(H) ~ 176°(V)
Contrast ratio:	500:1
Brightness:	400 cd/m²
Response Time:	8 ms
Number of Colours:	16.7 million
Display protection:	Tempered Glass
OSD:	Yes, multi language
Serial Interface(s):	USB
Operating Temperature:	0°C ~ +50°C
Storage Temperature:	-20°C ~ +60°C
Accessories included:	Table stand bracket & PSU & VGA cable
MTBF at 25° C:	> 50,000 hours
Vesa Mount:	75 x 75 mm
Supply Voltage:	12 VDC, (100~240 VAC, 50/60Hz)
Dimensions (W x H x D):	231 x 178 x 50 mm - 9.09 x 7.01 x 1.97 In:
Power Consumption (W):	8
Weight:	1.71 kg - 3.77 lbs

DIMENSIONS (mm)

178.8

231.8

PLUGS

GML-1730M

43cm (17) LCD/TFT Monitor LED Backlight

- Displays a full, flat 17"(43cm) diagonal image
- LED Backpanel illumination
- Energy-saving (green technology)
- 2 CVBS looped, 1 HDMI, VGA video inputs
- Scratch protection glass with anti-reflection coating

TEMPERED GLASS	
EcoTechnology	
VESA MOUNT	
HDMI	
VGA	

DIMENSIONS (mm)

384
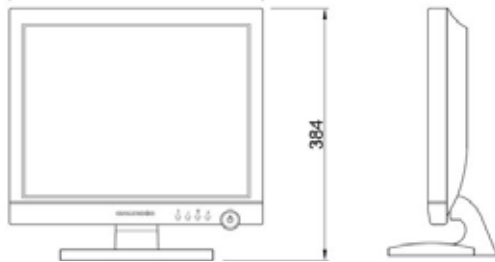
LCD Panel size:	17" Diagonal AM-TFT LED Backlight
Pixels - Total:	1280(H) x 1024(V)
Pixel Pitch:	0.264 mm(H) x 0.264 mm(V)
Aspect Ratio:	5 : 4
Video Standard:	PAL/NTSC
Video Inputs:	1x VGA, 1x HDMI, 2 CH Composite, BNC, Looped
Audio Inputs:	3 CH (1xHDMI, 1xCinch (L/R), 1xTRS Connector)
Brightness:	300 cd/m²
Contrast ratio:	10.000:1
Number of Colours:	16.7 million
Viewing Angle:	170°(H) ~ 160°(V)
Response Time:	5 ms
Display protection:	Tempered Glass
Speaker Output:	3W (2x1.5W built-in)
PIP:	On/Off
PBP:	On/Off
MTBF at 25° C:	> 100,000 hours
Operating Temperature:	0°C ~ +40°C
Humidity:	10 ~ 90% no condensation
Storage Temperature:	-10°C ~ +60°C
Suitable for:	VESA 75
Supply Voltage:	12 VDC, (100~240 VAC, 50/60Hz)
Dimensions (W x H x D):	385 x 384 x 165 mm - 15.16 x 15.12 x 6.5 In:
Power Consumption (W):	15
Weight:	3.4 kg - 7.5 lbs

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

48 cm (19) LCD/TFT Monitor LED Backlight

- Displays a full, flat 19" (48cm) diagonal image
- LED Backpanel illumination
- Energy-saving (green technology)
- 2x CVBS (1x looped), 1x HDMI, 1x VGA video inputs
- Scratch protection glass with anti-reflection coating
- Designed for professional 24/7 usage

LCD Panel size:	19" Diagonal AM-TFT LED Backlight
Pixels - Total:	1280(H) x 1024(V)
Pixel Pitch:	0.294 mm(H) x 0.294 mm(V)
Aspect Ratio:	5 : 4
Video Standard:	PAL/NTSC
Video Inputs:	1 CH Composite, BNC, Looped, 1x Composite, BNC, 1x VGA, 1x HDMI
Audio Inputs:	2 CH (1xHDMI, 1xMiniJack Connector)
Audio Outputs:	1x 3.5mm jack
Brightness:	250 cd/m²
Contrast ratio:	1000:1
Number of Colours:	16.7 million
Viewing Angle:	170°(H) ~ 160°(V)
Response Time:	5 ms
Display protection:	Tempered acryl glass with anti-reflection coating
Speaker Output:	6W (2x3W built-in)
MTBF at 25° C:	> 50,000 hours
Humidity:	10 ~ 90% no condensation
Operating Temperature:	0°C ~ +40°C
Storage Temperature:	-10°C ~ +60°C
Vesa Mount:	100 x 100 mm
Supply Voltage:	100 ~ 240 Vac, 50/60Hz
Dimensions (W x H x D):	418.4 x 412.1 x 180 mm - 16.47 x 16.22 x 7.09 In:
Power Consumption (W):	30
Weight:	4.7 kg - 10.36 lbs

DIMENSIONS (mm)

GML-2010E

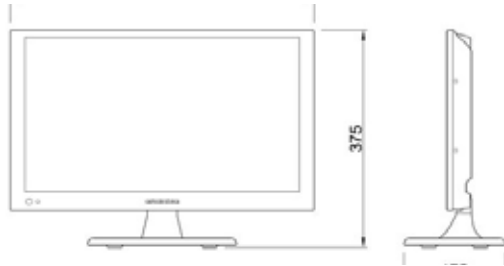### 50 cm (19.5) LCD/TFT Monitor LED Backlight

- Full-HD TFT-LCD monitor
- Displays a full, flat 19.53" (50 cm) diagonal image
- LED Backpanel illumination
- 1 HDMI, 1 VGA Input
- External Power Supply
- Built-in Speaker
- Designed for professional 24/7 usage
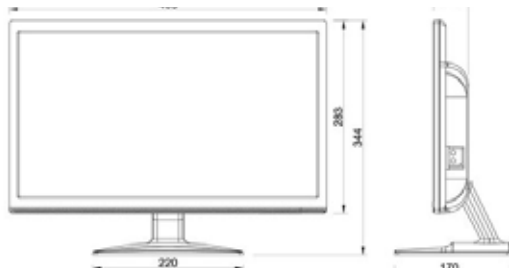
LCD Panel size:	19.53" Diagonal AM-TFT LED Backlight
Pixels - Total:	1920(H) x 1080(V)
Pixel Pitch:	0.2265 mm(H) x 0.221 mm(V)
Aspect Ratio:	16 : 9
Video Inputs:	1x HDMI\, 1x VGA
Audio Inputs:	2 CH (1xHDMI, 1xMiniJack Connector)
Brightness:	250 cd/m²
Contrast ratio:	1000:1
Number of Colours:	16.7 million
Viewing Angle:	178°(H) ~ 178°(V)
Response Time:	12 ms
Speaker Output:	2 x 2W
Vesa Mount:	100 x 100 mm
OSD:	Yes, multi language
MTBF at 25° C:	> 50,000 hours
Operating Temperature:	0°C ~ +40°C
Humidity:	10 ~ 90% no condensation
Storage Temperature:	-20°C ~ +50°C
Certifications:	CE, FCC, RoHS
Supply Voltage:	100 ~ 240 Vac, 50/60Hz, 12 VDC, (100~240 VAC, 50/60Hz)
Operating Humidity:	10% ~ 90%, non-condensing
Dimensions (W x H x D):	465 x 340 x 51.5 mm - 18.31 x 13.39 x 2.03 In:
Power Consumption (W):	20
Weight:	2.5 kg - 5.51 lbs

DIMENSIONS (mm)

54.6 cm (21.5) LCD/TFT Monitor LED Backlight

- Full-HD TFT-LCD monitor
- Designed for professional 24/7 usage
- Displays a full, flat 21,5" (54.6 cm) diagonal image
- LED Backpanel illumination
- 1 HDMI, 1 VGA Input
- Built-in Speaker
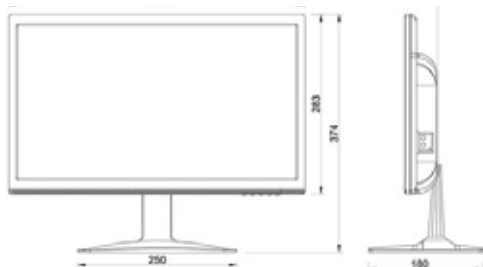
|	
LCD Panel size:	21,5" Diagonal TFT-LCD LED Backlight
Pixels - Total:	1920(H) x 1080(V)
Pixel Pitch:	0.248 mm(H) x 0.248 mm(V)
Aspect Ratio:	16 : 9
Video Inputs:	1x HDMI, 1x VGA
Brightness:	300 cd/m²
Contrast ratio:	1000:1
Number of Colours:	16.7 million
Viewing Angle:	170°(H) ~ 160°(V)
Response Time:	5 ms
Audio Inputs:	2 CH (1xHDMI, 1xMiniJack Connector)
Speaker Output:	2 x 2W
Vesa Mount:	100 x 100 mm
OSD:	Yes, multi language
MTBF at 25° C:	> 50,000 hours
Operating Temperature:	0°C ~ +40°C
Humidity:	10 ~ 90% no condensation
Storage Temperature:	-20°C ~ +50°C
Certifications:	CE, FCC, RoHS
Supply Voltage:	100 ~ 240 Vac, 50/60Hz
Operating Humidity:	10% ~ 90%, non-condensing
Dimensions (W x H x D):	510 x 371 x 51.5 mm - 20.08 x 14.61 x 2.03 In:
Power Consumption (W):	25
Weight:	3.5 kg - 7.72 lbs

DIMENSIONS (mm)

54.6 cm (21.5) LCD/TFT Monitor LED Backlight

- Full-HD TFT-LCD monitor
- Displays a full, flat 21,5" (54.6 cm) diagonal image
- LED Backpanel illumination
- Scratch protection glass with anti-reflection coating
- Energy-saving (green technology)
- 1 CVBS looped, 2 HDMI, VGA video inputs
- Designed for professional 24/7 usage

FULL HD | TEMPERED GLASS | EcoTechnology | VESA MOUNT

DIMENSIONS (mm)

375

LCD Panel size:	21,5" Diagonal AM-TFT LED Backlight
Pixels - Total:	1920(H) x 1080(V)
Pixel Pitch:	0.248 mm(H) x 0.248 mm(V)
Aspect Ratio:	16 : 9
Video Standard:	PAL/NTSC
Video Inputs:	1 CH Composite BNC Looped, 2x HDMI, 1 VGA input
Audio Inputs:	4 CH (2xHDMI, 1xCinch (L/R), 1xTRS Connector)
Brightness:	300 cd/m²
Contrast ratio:	10.000:1
Number of Colours:	16.7 million
Viewing Angle:	160°(H) ~ 170°(V)
Response Time:	5 ms
Display protection:	Tempered acryl glass with anti-reflection coating
Speaker Output:	3W (2x1.5W built-in)
OSD:	Yes, multi language
PIP:	On/Off
PBP:	On/Off
MTBF at 25° C:	> 100,000 hours
Operating Temperature:	0°C ~ +40°C
Humidity:	10 ~ 90% no condensation
Storage Temperature:	-10°C ~ +60°C
Suitable for:	VESA 100
Supply Voltage:	12 VDC, (100~240 VAC, 50/60Hz)
Operating Humidity:	10% ~ 90%, non-condensing
Dimensions (W x H x D):	524 x 375 x 175 mm - 20.63 x 14.76 x 6.89 In:
Power Consumption (W):	25
Weight:	3.6 kg - 7.94 lbs

61 cm (23.6) LCD/TFT Monitor LED Backlight

- Full-HD TFT-LCD monitor
- Displays a full, flat 23.6" (61 cm) diagonal image
- LED Backpanel illumination
- Scratch protection glass with anti-reflection coating
- Energy-saving (green technology)
- 1 CVBS looped, 2 HDMI, VGA video inputs
- Designed for professional 24/7 usage

FULL HD | **TEMPERED GLASS** | **EcoTechnology** | **VESA MOUNT**

DIMENSIONS (mm)
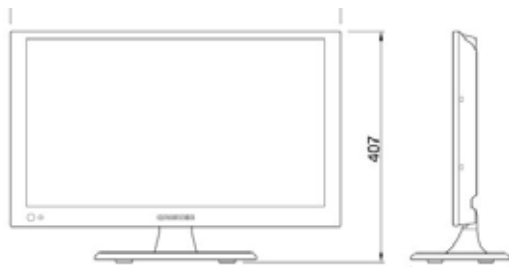
LCD Panel size:	23,6" Diagonal AM-TFT LED Backlight
Pixels - Total:	1920(H) x 1080(V)
Pixel Pitch:	0.272 mm(H) x 0.272 mm(V)
Aspect Ratio:	16 : 9
Video Standard:	PAL/NTSC
Video Inputs:	1 CH Composite BNC Looped, 2x HDMI, 1 VGA input
Audio Inputs:	4 CH (2xHDMI, 1xCinch (L/R), 1xTRS Connector)
Brightness:	300 cd/m²
Contrast ratio:	10.000:1
Number of Colours:	16.7 million
Viewing Angle:	160°(H) ~ 160°(V)
Response Time:	5 ms
Display protection:	Tempered acryl glass with anti-reflection coating
Speaker Output:	3W (2x1.5W built-in)
OSD:	Yes, multi language
PIP:	On/Off
PBP:	On/Off
MTBF at 25° C:	> 100,000 hours
Operating Temperature:	0°C ~ +40°C
Humidity:	10 ~ 90% no condensation
Storage Temperature:	-10°C ~ +60°C
Suitable for:	VESA 100
Supply Voltage:	12 VDC, (100~240 VAC, 50/60Hz)
Operating Humidity:	10% ~ 90%, non-condensing
Dimensions (W x H x D):	580 x 407 x 175 mm - 22.83 x 16.02 x 6.89 In:
Power Consumption (W):	30
Weight:	4 kg - 8.82 lbs

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GML-2810U

71 cm (28) UHD 4K LCD/TFT Monitor LED Backlight

- Ultra High Definition (UHD) TFT-LCD monitor
- Scratch protection glass with anti-reflection coating
- Displays a full, flat 23" (58.4 cm) diagonal image
- LED Backpanel illumination
- Wide Viewing Angle
- Designed for professional 24/7 usage
- Energy-saving (green technology)
- Built-in Speaker
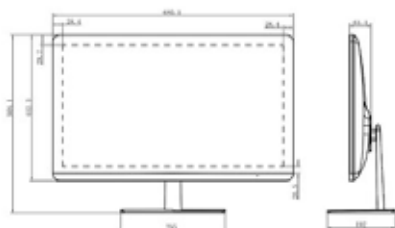
LCD Panel size:	28" Diagonal TFT-LCD LED Backlight
Pixels - Total:	3840(H) x 2160(V)
Pixel Pitch:	0.16 mm(H) x 0.16 mm(V)
Aspect Ratio:	16 : 9
Backlight:	LED backlight
Video Standard:	PAL/NTSC
Video Inputs:	1x Display Port, 1xDVI-D, 2xHDMI
Brightness:	300 cd/m²
Contrast ratio:	1000:1
Viewing Angle:	170°(H) ~ 160°(V)
Response Time:	Tr: 1.5ms Tf: 3.5ms
OSD:	Yes, multi language
Audio Inputs:	1x 3.5mm jack (Line), 1x HDMI
Audio Outputs:	1x 3.5mm jack
Speaker Output:	3 W
Vesa Mount:	200 x 100 mm
Operating Temperature:	0°C ~ +40°C
Operating Humidity:	10% ~ 85% non condensing
Supply Voltage:	100 ~ 240 Vac, 50/60Hz
Dimensions (W x H x D):	680 x 504.1 x 192 mm - 26.77 x 19.85 x 7.56 In:
Power Consumption (W):	50
Weight:	7.3 kg - 16.09 lbs

4K ULTRA HD | **Protection Glass** | **24/7 USAGE** | **SPEAKER** | **VESA MOUNT**

DIMENSIONS (mm)

PLUGS

GML-3210M

81 cm (32) LCD/TFT Monitor LED Backlight

- Displays a full, flat 32" (81cm) diagonal image
- High Image Quality Full HD 1920 x 1080
- LED Backpanel illumination
- Wide Viewing Angle
- Designed for professional 24/7 usage
- Built-in Speaker
- VESA Wall Mount Compatible

LCD Panel size:	32" Diagonal TFT
Pixel Pitch:	0.36375 mm(H) x 0.36375 mm(V)
Aspect Ratio:	16 : 9
Refresh rate:	max. 75 Hz
Backlight:	LED backlight
Video Standard:	PAL/NTSC
Video Inputs:	1 CH Composite, BNC, Looped, 1x HDMI, 1x S-Video, 1x VGA
Brightness:	400 cd/m²
Video Resolution:	1280x720 (720p), 1920x1080 (1080i) , 1920x1080 (1080p)
Contrast ratio:	3000:1
Viewing Angle:	170°(H) ~ 160°(V)
Response Time:	6.5 ms
OSD:	Yes, multi language
Audio Inputs:	1x 3.5mm jack (Line), 1x HDMI
Audio Outputs:	1x 3.5mm jack
Speaker Output:	6W (2x3W built-in)
Serial Interface(s):	1x RS-232
Vesa Mount:	200 x 100 mm
Operating Temperature:	0°C ~ +40°C
Operating Humidity:	10% ~ 85% non condensing
Supply Voltage:	100 ~ 240 Vac, 50/60Hz
Dimensions (W x H x D):	744 x 444 x 59 mm - 29.29 x 17.48 x 2.32 In:
Power Consumption (W):	50
Weight:	8 kg - 17.64 lbs

CONNECTIONS

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GML-4010M

102 cm (40) LCD/TFT Monitor LED Backlight

- Displays a full, flat 40" (101.7cm) diagonal image
- High Image Quality Full HD 1920 x 1080
- LED Backpanel illumination
- Wide Viewing Angle
- Designed for professional 24/7 usage
- Energy-saving (green technology)
- Built-in Speaker

LCD Panel size:	40" Diagonal TFT
Pixel Pitch:	0.36375 mm(H) x 0.36375 mm(V)
Aspect Ratio:	16 : 9
Refresh rate:	max. 75 Hz
Backlight:	LED backlight
Video Standard:	PAL/NTSC
Video Inputs:	1 CH Composite, BNC, Looped, 1x HDMI, 1x S-Video, 1x VGA
Brightness:	400 cd/m²
Video Resolution:	1280x720 (720p), 1920x1080 (1080i) , 1920x1080 (1080p)
Contrast ratio:	3000:1
Viewing Angle:	170°(H) ~ 160°(V)
Response Time:	6.5 ms
OSD:	Yes, multi language
Audio Inputs:	1x 3.5mm jack (Line), 1x HDMI
Audio Outputs:	1x 3.5mm jack
Speaker Output:	6W (2x3W built-in)
Vesa Mount:	200 x 100 mm
Operating Temperature:	0°C ~ +40°C
Storage Temperature:	-20°C ~ +60°C
Operating Humidity:	10% ~ 85% non condensing
Supply Voltage:	100 ~ 240 Vac, 50/60Hz
Dimensions (W x H x D):	905 x 529 x 61 mm - 35.63 x 20.83 x 2.4 In:
Power Consumption (W):	65
Weight:	12.5 kg - 27.56 lbs

CONNECTIONS

CAMERA
ACCESSORIES

CONNECTING EVERYTHING

Grundig supports its entire product portfolio with a comprehensive range of accessories.
We understand that no two applications are alike and that each one has its own specific requirements.
We have ensured that all our products are supported by practical accessories so cameras can be installed in optimal position in every location.

HOUSING & BRACKETS

GBR-WA03

Camera mount:	1/4" - 20 UNC thread
Mounting distance from fixing point:	130 mm (wall), 160 mm (ceiling)
Load max.:	2 kg
Color:	White
Material:	Aluminium
Regulation:	RoHS Compliant
Weight:	0.2 kg - 0.44 lbs
Dimensions:	90 x 160 mm - 3.54 x 6.3 In

Camera Bracket

- Camera Bracket for wall or ceiling
- Adjustable Ball-point Head
- Rugged Metal Design
- 1/4" Camera Fixing Screw
- Concealed Cable Management

DIMENSIONS (mm)
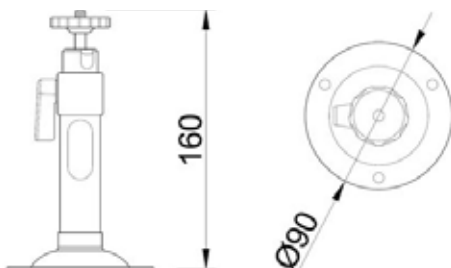
GBR-AM02

Suitable for:	GCI-K1779P, GCI-C0745P, GCH-K0274P, GBR-AM01, GBR-AM03, GHO-M018
Color:	White
Material:	Aluminum die-casting
Regulation:	RoHS Compliant
Weight:	0.1 kg - 0.22 lbs

Adapter Ring for Pelco Pendant Mount with 1,5″ NPT thread

- Adapter to PELCO brackets 1.5" NPT

DIMENSIONS (mm)

GBR-AM05

Suitable for:	GCI-R1667F, GCI-M1566F, GBR-AM06
Color:	White
Material:	Aluminum die-casting
Regulation:	RoHS Compliant
Weight:	0.200 kg - 0.44 lbs
Dimensions:	117 x 63 mm - 4.61 x 2.48 In

Hanging mount adapter

- Suitable for AV Dome fisheye camera

ACCESSORIES

GBR-AM06

GBR-IC07

Suitable for:	GCI-R1667F, GCI-M1566F
Assembly (Template) hole size:	Ø 127 mm
Color:	White
Material:	Steel
Regulation:	RoHS Compliant
Weight:	0,54 kg - 0 lbs
Dimensions:	173 x 86 mm - 6.81 x 3.39 In

Ceiling Flush Mount Adapter

- Flush ceiling mount
- Suitable for AV Dome fisheye camera

GBR-CE01

Suitable for:	GCI-K1779P, GCI-C0745P, GCH-K0274P, GBR-AM01, GBR-AM03, GHO-M018
Color:	White
Material:	Steel
Regulation:	RoHS Compliant
Dimensions (W x H x D):	50 x 500 x 140 mm - 1.97 x 19.69 x 5.51 In:
Weight:	2.2 kg - 4.85 lbs

Pendant wall mount for pendant dome cameras

DIMENSIONS (mm)

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES
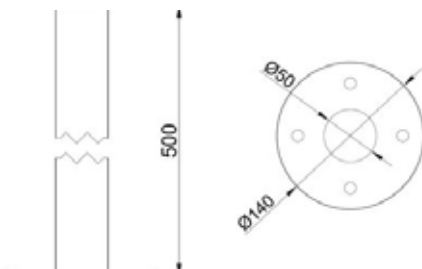
GBR-CE02

| Suitable for:	GCA-B4323V, GCA-B4325V, GCA-B4326V, GCA-B4327V, GCA-B5325V, GCA-B5326V, GCA-C2357V, GCA-H0325V, GCH-K0323V, GCH-K0326V*, GCH-K1325V, GCH-K1327V
Color:	White
Material:	Aluminium
Regulation:	RoHS Compliant
Weight:	0.68 kg - 1.5 lbs

Pendant wall mount for pendant dome cameras
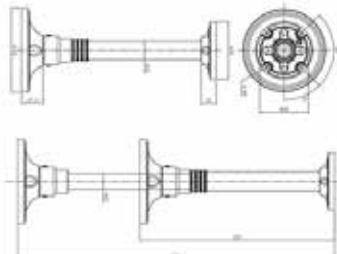
DIMENSIONS (mm)

GBR-CE08L

Suitable for:	GCI-F4747P, GCI-F4745P, GCT-K1256P
Color:	White
Body material:	Aluminium alloy
Regulation:	RoHS Compliant
Weight:	0.96 kg - 2.12 lbs
Dimensions:	116.5 x 500 mm - 4.59 x 19.69 In

Pendant wall mount for pendant dome cameras

- Suitable for GCI-F4747P, GCI-F4745P, GCT-K1256P
- Long Pendant Mount

GBR-CE08M

Suitable for:	GCI-F4745P, GCI-F4747P, GCT-K1256P
Color:	White
Body material:	Aluminium alloy
Regulation:	RoHS Compliant
Weight:	0.6 kg - 1.32 lbs
Dimensions:	116.5 x 200 mm - 4.59 x 7.87 In

Pendant wall mount for pendant dome cameras

- Suitable for GCI-F4747P, GCI-F4745P, GCT-K1256P
- Medium Pendant Mount

GBR-CE08S

Suitable for:	GCI-F4745P, GCI-F4747P, GCT-K1256P
Color:	White
Body material:	Aluminium alloy
Regulation:	RoHS Compliant
Weight:	0.38 kg - 0.84 lbs
Dimensions:	117 x 57 mm - 4.61 x 2.24 In

Pendant wall mount for pendant dome cameras

- Suitable for GCI-F4747P, GCI-F4745P, GCT-K1256P
- Short Pendant Mount

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GBR-CE04

Suitable for:	GCI-F4626V, GCT-K1326V
Color:	White
Body material:	Die cast aluminium
Regulation:	RoHS Compliant
Dimensions (W x H x D):	150 x 565 x 140 mm - 5.91 x 22.24 x 5.51 In:
Weight:	1.9 kg - 4.19 lbs

Pendant wall mount for pendant dome cameras
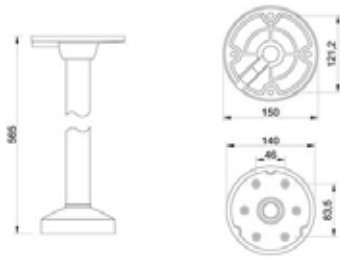
DIMENSIONS (mm)

GBR-CM01

Suitable for:	GBR-WA02
Color:	White
Material:	Steel
Regulation:	RoHS Compliant
Dimensions (W x H x D):	222 x 204 x 117 mm - 8.74 x 8.03 x 4.61 In:
Weight:	2 kg - 4.41 lbs

Corner Mount Adapter

DIMENSIONS (mm)

GBR-CM02

Corner Mount Adapter for GCI-xxxxxV
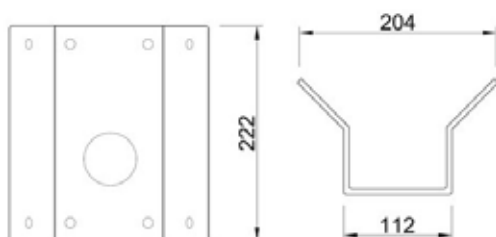
Suitable for:	GCI-F1576VH-1, GCI-K1527V, GCI-K1587V, GCI-F1576V(H), GCI-K1526V(H), GCI-K1523V, GCI-K1585V, GCI-K1585V-1, GCI-K1586V, GCI-H0522V, GCI-K0322V, GCI-K1527V-1
Color:	White
Material:	Steel
Regulation:	RoHS Compliant
Dimensions (W x H x D):	240 x 176 x 159 mm - 9.45 x 6.93 x 6.26 In:
Weight:	1.16 kg - 2.56 lbs

DIMENSIONS (mm)

GBR-CM04

Corner Mount Adaptor
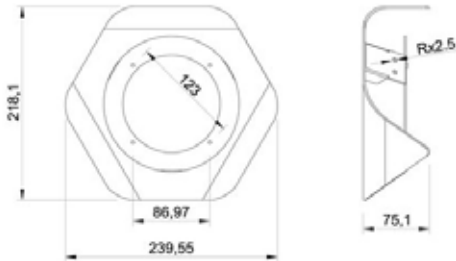
Suitable for:	GBR-JB03W, GBR-WB09, GBR-WB09J, GCI-F4626T, GCT-K1326T
Color:	White
Material:	Steel
Regulation:	RoHS Compliant
Dimensions (W x H x D):	126 x 205 x 105 mm - 4.96 x 8.07 x 4.13 In:
Weight:	2 kg - 4.41 lbs

DIMENSIONS (mm)

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GBR-FB03

Suitable for:	GCA-B2326T, GCA-B3326T, GCA-B2357T, GCA-H0325T, GCH-K0326T, GCH-K1327T, GCT-K2326T
Color:	White
Material:	Aluminum die-casting
Regulation:	RoHS Compliant
Weight:	0.2 kg - 0.44 lbs
Dimensions:	99 x 45 mm - 3.9 x 1.77 In

Connection Base

DIMENSIONS (mm)

Ø99

45
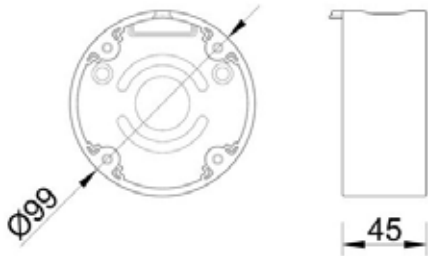
GBR-FB10

Suitable for:	GCI-F4626V, GCI-L4687V, GCI-L4627V
Body material:	Die cast aluminium
Color:	White
Regulation:	RoHS Compliant
Weight:	0.285 kg - 0.63 lbs
Dimensions:	169 x 42 mm - 6.65 x 1.65 In

Connection Base

DIMENSIONS (mm)
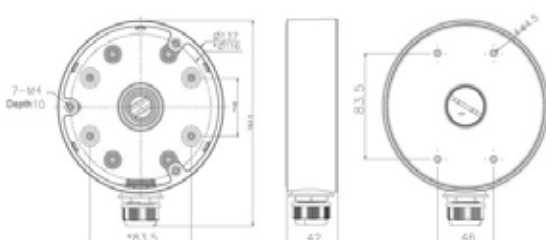
GBR-IC02

Suitable for:	GCI-F1576VH-1, GCI-H0522V, GCI-K0322V, GCI-K1526VH, GCI-K1527V-1, GCI-K1527V, GCI-K1587V, GCI-F1576VH, GCI-K1585V-1, GCI-K1586V, GCI-N0586V
Material:	Aluminium, Plastic
Regulation:	RoHS Compliant
Weight:	0.38 kg - 0.84 lbs
Dimensions:	200 x 80 mm - 7.87 x 3.15 In

Flush-Mount Adapter for Vandal-Resistant IP Dome Camera

- Flush ceiling mount for IP Megapixel Fixed Dome Camera

DIMENSIONS (mm)

62,7

200
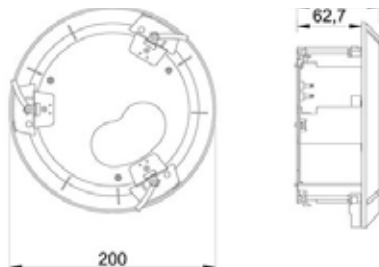
GBR-IC04

Suitable for:	GCA-B432xV, GCA-B532xV, GCA-B0322V(R/RH),GCA-B0323V(R/RH), GCA-B1323V(R/RH), GCA-B0324V, GCA-B0325V(R/RH), GCA-B0326V(R/RH)
Assembly (Template) hole size:	Ø 200 mm
Color:	White
Material:	Steel
Regulation:	RoHS Compliant
Weight:	0,785 kg - 0 lbs
Dimensions:	250 x 113 mm - 9.84 x 4.45 In

Ceiling Flush Mount Adapter

DIMENSIONS (mm)

Ø250

113

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES
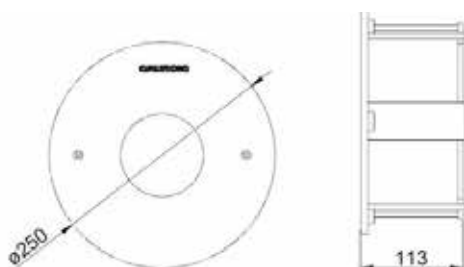
GBR-IC06

Suitable for:	GCA-B4322D, GCA-B4325D, GCA-B4326D, GCA-B4327D, GCA-H0325D
Color:	White
Material:	Plastic
Regulation:	RoHS Compliant
Weight:	0.25 kg - 0.55 lbs
Dimensions:	190 x 85 mm - 7.48 x 3.35 In

Ceiling Flush Mount Adapter

DIMENSIONS (mm)
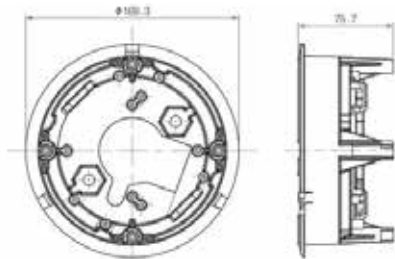
GBR-JB01W

Suitable for:	GCI-F0576TH, GCI-F0576TH-1, GCI-K0586T(-1), GCI-K1526T(H), GCI-K1577TH, GCI-K1577TH-1, GCI-N0586T
Color:	White
Body material:	Die cast aluminium
Regulation:	RoHS Compliant
Weight:	0.67 kg - 1.48 lbs
Dimensions:	150 x 65 mm - 5.91 x 2.56 In

Connection Base

- Concealed Cable Management

DIMENSIONS (mm)
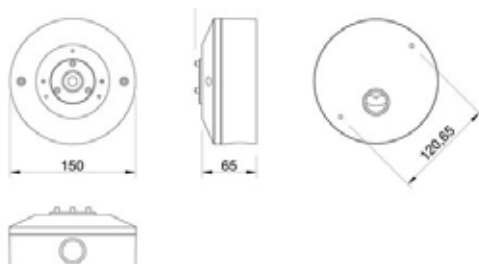
GBR-JB02P

Suitable for:	GCI-F0576TH, GCI-F0576TH-1, GCI-K0586T(-1), GCI-K1526T(H), GCI-K1577TH, GCI-K1577TH-1, GCI-N0586T
Color:	White
Body material:	Die cast aluminium
Regulation:	RoHS Compliant
Weight:	0.73 kg - 1.61 lbs
Dimensions:	150 x 81 mm - 5.91 x 3.19 In

Connection Base

- Concealed Cable Management
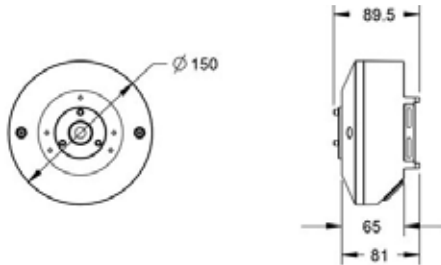
DIMENSIONS (mm)

GBR-JB03W

Suitable for:	GCI-F4616T, GCI-F4626T, GCI-F4626V, GCT-K0123T, GCT-K1326T, GCT-K1326V
Body material:	Die cast aluminium
Color:	White
Regulation:	RoHS Compliant
Dimensions (W x H x D):	136 x 165 x 53 mm - 5.35 x 6.5 x 2.09 In:
Weight:	0.545 kg - 1.2 lbs

Connection Base

- Concealed Cable Management

DIMENSIONS (mm)

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES
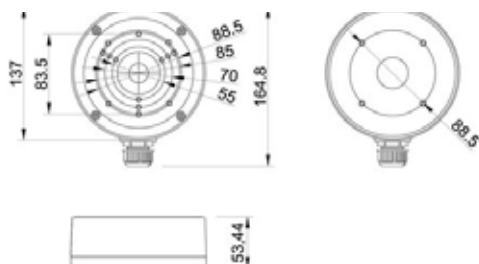
GBR-PA08

Suitable for:	GCI-F4745P, GCI-F4747P, GCT-K1256P
Color:	White
Material:	Steel
Regulation:	RoHS Compliant
Dimensions (W x H x D):	180 x 950 x 800 mm - 7.09 x 37.4 x 31.5 In:
Weight:	4.5 kg - 9.92 lbs

Parapet Wall Mount Bracket

- Aluminum alloy material with surface spray treatment. Size of threaded hole is G1½ as British system. The bracket can be installed on the high edge of the wall
- Suitable for GCI-F4747P, GCI-F4745P, GCT-K1256P

GBR-SN08

Suitable for:	GCI-F4747P, GCI-F4745P
Color:	White
Material:	Steel
Regulation:	RoHS Compliant
Dimensions (W x H x D):	455.2 x 841.5 x 130.4 mm - 17.92 x 33.13 x 5.13 In:
Weight:	6.426 kg - 14.17 lbs

Swan neck bracket

- Suitable for GCI-F4747P, GCI-F4745P, GCT-K1256P

GBR-PM01

Pole Mount Adapter

Suitable for:	GBR-WA02
Pole:	Ø 100 to 185 mm
Color:	White
Material:	Steel
Regulation:	RoHS Compliant
Dimensions (W x H x D):	270 x 170 x 60 mm - 10.63 x 6.69 x 2.36 In:
Weight:	1 kg - 2.2 lbs

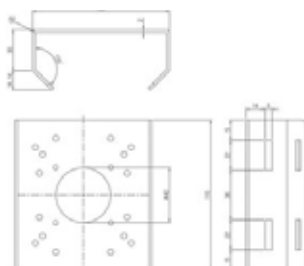### DIMENSIONS (mm)
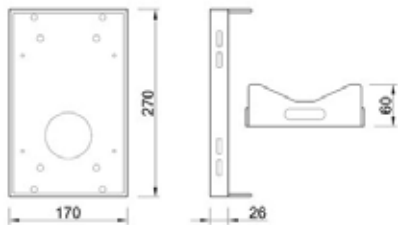
ACCESSORIES

GBR-WA02

GBR-PM02

Pole Mount Adapter

Suitable for:	GBR-WA04, GBR-FB03, GCA-B2326T, GCA-B2357T, GCH-B0326T, GCA-B3326T
Pole:	Ø 90 to 150 mm
Color:	White
Material:	Steel
Regulation:	RoHS Compliant
Dimensions (W x H x D):	100 x 110 x 45 mm - 3.94 x 4.33 x 1.77 In:
Weight:	0.3 kg - 0.66 lbs

- Easy to install
- Delivered with 2 straps to mount it on a Pole mount

DIMENSIONS (mm)

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GBR-PM04

Suitable for:	GBR-JB03W, GCI-F4626T, GCT-K1326T, GCT-K1326V
Pole:	Ø 67 ~ Ø127 mm
Color:	White
Material:	Steel
Regulation:	RoHS Compliant
Dimensions (W x H x D):	127 x 250 x 46 mm - 5 x 9.84 x 1.81 In:
Weight:	1.2 kg - 2.65 lbs

Pole Mount Adapter

- Easy to install

DIMENSIONS (mm)
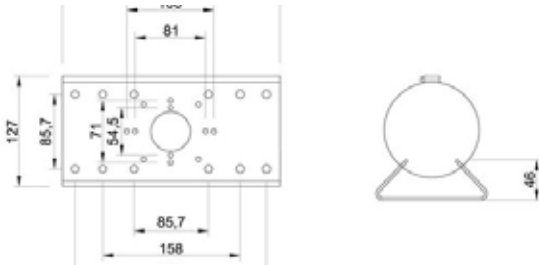
GBR-WA02

Suitable for:	GCI-C0745P, GCI-K1779P, GCH-K0274P, GHO-M018, GBR-AM01(for GCI-C0735P), GBR-AM02, GBR-AM03, GBR-AM04, GBR-CM01, GBR-PM01
Color:	White
Material:	Aluminum die-casting
Regulation:	RoHS Compliant
Dimensions (W x H x D):	104 x 127 x 184 mm - 4.09 x 5 x 7.24 In:
Weight:	0.6 kg - 1.32 lbs

Wall Mount Bracket

- Concealed Cable Management
- Body made of die-cast aluminium

DIMENSIONS (mm)
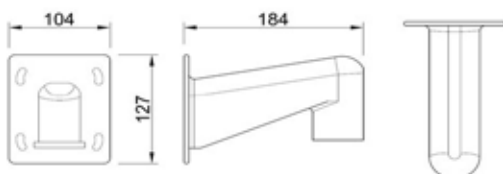
ACCESSORIES

GBR-CM01   GBR-PM01

GBR-WA04

Suitable for:	GCA-B4323V, GCA-B4325V, GCA-B4326V, GCA-B4327V, GCA-B5325V, GCA-B5326V, GCA-C2357V, GCA-H0325V, GCH-K0323V, GCH-K0326V*, GCH-K1325V, GCH-K1327V
Load max.:	2 kg
Color:	White
Material:	Aluminum die-casting
Regulation:	RoHS Compliant
Dimensions (W x H x D): In:	144.6 x 110.5 x 268.8 mm - 5.69 x 4.35 x 10.58
Weight:	0.715 kg - 1.58 lbs

Wall bracket

- Camera Bracket for wall or ceiling
- Rugged Metal Design
- Concealed Cable Management

DIMENSIONS (mm)
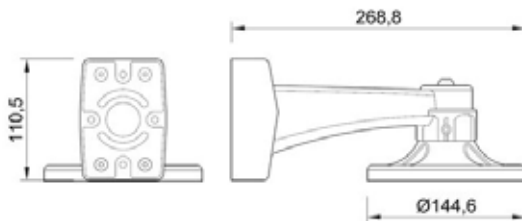
GBR-WA06

Suitable for:	GCA-B4322D, GCA-B4325D, GCA-B4326D, GCA-B4327D, GCA-H0325D, GCH-K0323D, GCH-K0326D, GCA-B032xD, GCA-B132xD, GCA-B332xD
Load max.:	2 kg
Color:	White
Material:	Steel
Regulation:	RoHS Compliant
Dimensions (W x H x D):	128 x 60 x 145 mm - 5.04 x 2.36 x 5.71 In:
Weight:	0.255 kg - 0.56 lbs

Wall bracket

- Camera Bracket for wall or ceiling
- Rugged Metal Design

DIMENSIONS (mm)

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES
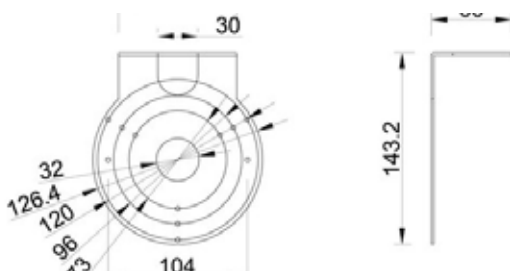
Suitable for:	GCI-K0622D, GCI-K1627D, GCI-K1677D, GCI-F0676D, GCI-H2812W, GCI-F2812W, GCI-K2812W, GCI-H1812W
Load max.:	2 kg
Color:	White
Material:	Plastic
Regulation:	RoHS Compliant
Dimensions (W x H x D):	117 x 110 x 149 mm - 4.61 x 4.33 x 5.87 In:
Weight:	0.14 kg - 0.31 lbs

Wall bracket

- Wall mount bracket
- Concealed Cable Management
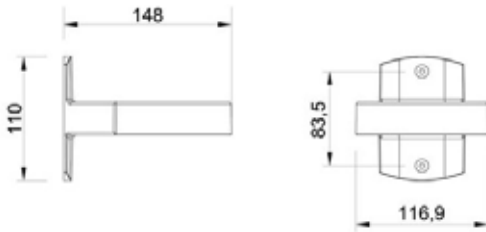
DIMENSIONS (mm)

INSTALLATION EXAMPLES

GBR-WA08

Suitable for:	GCI-F4745P, GCI-F4747P, GCT-K1256P
Color:	White
Material:	Aluminum die-casting
Regulation:	RoHS Compliant
Dimensions (W x H x D):	97 x 182 x 305 mm - 3.82 x 7.17 x 12.01 In:
Weight:	1.070 kg - 2.36 lbs

Wall bracket

- Concealed Cable Management
- Trapdoor included to facilitate the passage of cables
- Suitable for GCI-F4747P, GCI-F4745P, GCT-K1256P

GBR-WA08J

Suitable for:	GCI-F4745P, GCI-F4747P, GCT-K1256P
Color:	White
Material:	Aluminum die-casting
Regulation:	RoHS Compliant
Dimensions (W x H x D):	396.5 x 209 x 310 mm - 15.61 x 8.23 x 12.2 In:
Weight:	3800g kg - 8377.57 lbs

Wall Mount Bracket Indoor/Outdoor

- Aluminumalloy material with surface spray treatment General design for indoor/outdoor Better waterproofdesign With safety rope, the assembling is safer and more convenient
- Suitable for GCI-F4747P, GCI-F4745P, GCT-K1256P

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GBR-WA08C

Suitable for:	GCI-F4745P, GCI-F4747P, GCT-K1256P
Color:	White
Material:	Steel, Aluminum die-casting
Regulation:	RoHS Compliant
Dimensions (W x H x D):	176.8 x 194 x 419.5 mm - 6.96 x 7.64 x 16.52 In:
Weight:	2.675 kg - 5.9 lbs

Corner Mount Bracket

- Concealed Cable Management
- Trapdoor included to facilitate the passage of cables
- Suitable for GCI-F4747P, GCI-F4745P, GCT-K1256P

GBR-WA08P

Suitable for:	GCI-F4745P, GCI-F4747P, GCT-K1256P
Color:	White
Material:	Stainless Steel, Steel, Aluminum die-casting
Regulation:	RoHS Compliant
Dimensions (W x H x D):	117 x 194 x 310 mm - 4.61 x 7.64 x 12.2 In:
Weight:	2 kg - 4.41 lbs

Pole Mount Bracket

- Concealed Cable Management
- Trapdoor included to facilitate the passage of cables
- Suitable for GCI-F4747P, GCI-F4745P, GCT-K1256P

GBR-WA08JC

Suitable for:	GCI-F4745P, GCI-F4747P, GCT-K1256P
Color:	White
Material:	Steel, Aluminum die-casting
Regulation:	RoHS Compliant
Dimensions (W x H x D): In:	255.5 x 314 x 546.4 mm - 10.06 x 12.36 x 21.51
Weight:	8.7 kg - 19.18 lbs

Long Arm Wall Corner Mount Bracket

- Aluminum alloy & steel material with surface spray treatment. Design with junction box. Design of safety rope for more convenient installation
- Suitable for GCI-F4747P, GCI-F4745P, GCT-K1256P

GBR-WA08JP

Suitable for:	GCI-F4745P, GCI-F4747P, GCT-K1256P
Color:	White
Material:	Stainless Steel, Steel, Aluminum die-casting
Regulation:	RoHS Compliant
Dimensions (W x H x D):	314 x 200 x 420 mm - 12.36 x 7.87 x 16.54 In:
Weight:	6840 kg - 15079.62 lbs

Vertical Pole Mount Bracket

- Aluminum alloy & steel material with surface spray treatment. Design with junction box. Design of safety rope for more convenient installation
- Suitable for GCI-F4747P, GCI-F4745P, GCT-K1256P

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

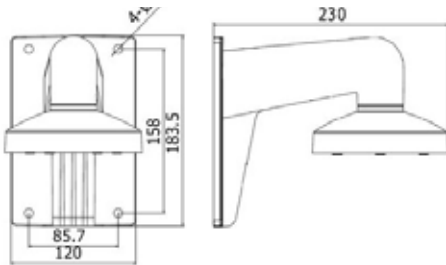HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GBR-WA09

Suitable for:	GCI-F4626V, GCT-K1326V, GCI-L4687V, GCI-L4627V
Color:	White
Material:	Aluminum die-casting
Regulation:	RoHS Compliant
Dimensions (W x H x D):	136 x 184 x 230 mm - 5.35 x 7.24 x 9.06 In:
Weight:	0.7 kg - 1.54 lbs

Wall Mount Bracket

- Concealed Cable Management

DIMENSIONS (mm)

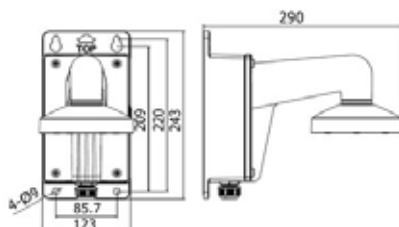### ACCESSORIES

GBR-PM04   GBR-CM04

GBR-WA09J

Suitable for:	GCI-F4626V, GCT-K1326V, GCI-L4687V, GCI-L4627V
Color:	White
Material:	Aluminum die-casting
Regulation:	RoHS Compliant
Dimensions (W x H x D):	136 x 243 x 290 mm - 5.35 x 9.57 x 11.42 In:
Weight:	1.49 kg - 3.28 lbs

Wall Mounting Bracket for Dome Camera (with Junction Box).

- Concealed Cable Management
- Junction Box included for easy cable plug

DIMENSIONS (mm)

ACCESSORIES

GBR-PM04   GBR-CM04

GBR-WB02

Wedge Base

Suitable for:	GCA-B4323V, GCA-B4325V, GCA-B4326V, GCA-B4327V, GCA-B5325V, GCA-B5326V, GCA-C2357V, GCA-H0325V
Color:	White
Material:	Aluminum die-casting
Regulation:	RoHS Compliant
Weight:	0.5 kg - 1.1 lbs
Dimensions:	152 x 70 mm - 5.98 x 2.76 In

GHO-M028

External housing for AV IP Dome

Suitable for:	GCI-F1576VH-1, GCI-K1527V-1, GCI-K1587V-1, GCI-N0586V
Material:	Aluminium, Plastic
Weight:	1 kg - 2.2 lbs
Dimensions:	170 x 106 mm - 6.69 x 4.17 In

DIMENSIONS (mm)

Ø170   106
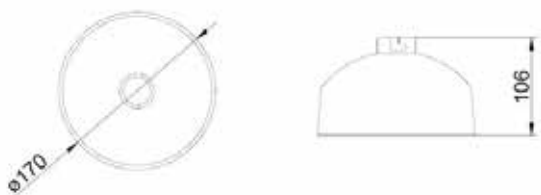
ACCESSORIES

GBR-WA02   GBR-AM02   GBR-CE01   GBR-CM01

GBR-PM01

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ANALOG. RECORDERS

MONITORS

ACCESSORIES

COVERS

GAC-B0103A

Suitable for:	GCA-B4322D, GCA-B4325D, GCA-B4326D, GCA-B4327D, GCA-H0325D, GCH-K0323D, GCH-K0326D*, GCT-K2326D
Material:	Polycarbonate
Regulation:	RoHS Compliant
Weight:	0.05 kg - 0.11 lbs
Dimensions:	110 x 65 mm - 4.33 x 2.56 In

Clear dome cover for GCA-B432xD, GCA-H0325D, GCH-K032xD, GCT-K2326D

- Clear Dome cover

GAC-B0203A

Suitable for:	GCA-B4322D, GCA-B4325D, GCA-B4326D, GCA-B4327D, GCA-H0325D, GCH-K0323D, GCH-K0326D*
Material:	Polycarbonate
Regulation:	RoHS Compliant
Weight:	0.05 kg - 0.11 lbs
Dimensions:	110 x 65 mm - 4.33 x 2.56 In

Smoked dome cover for GCA-B432xD, GCH-K032xD, GCA-H0325D, GCT-K2326D
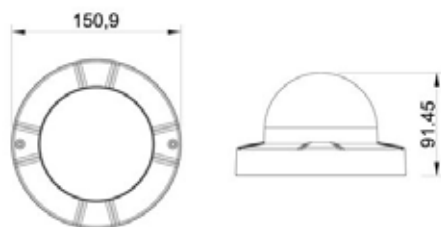
GAC-B0214A

Suitable for:	GCI-F1576VH, GCI-F1576VH-1, GCI-K1527V-1, GCI-K1587V, GCI-K1587V-1, GCI-N0586V
Color:	smoked/tinted
Material:	Polycarbonate
Regulation:	RoHS Compliant
Weight:	0.22 kg - 0.49 lbs
Dimensions:	151 x 92 mm - 5.94 x 3.62 In

Smoked Bubble Cover for Vandal-Resistant IP Dome Cameras

• Vandal Resistant Clear Dome Cover (IK10)

DIMENSIONS (mm)

150,9

91,45

GAC-B0214B

Suitable for:	GCI-F4626V
Material:	Polycarbonate
Color:	smoked/tinted
Regulation:	RoHS Compliant
Weight:	0.15 kg - 0.33 lbs
Dimensions:	95 x 60 mm - 3.74 x 2.36 In

Smoked Bubble Cover for Vandal-Resistant IP Dome Cameras

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GAC-B0303A

Suitable for:	GCA-B4322D, GCA-B4325D, GCA-B4325D, GCA-B4326D, GCA-B4327D, GCA-H0325D, GCH-K0323D, GCH-K0326D*
Material:	Polycarbonate
Regulation:	RoHS Compliant
Weight:	0.05 kg - 0.11 lbs
Dimensions:	110 x 65 mm - 4.33 x 2.56 In

Semi-Transparent dome cover for GCA-B432xD, GCA-H0325D, GCH-K032xD, GCT-K2326D

GAC-B0504A

Suitable for:	GCA-B4323V, GCA-B4325V, GCA-B4326V, GCA-B4327V, GCA-B5325V, GCA-B5326V, GCA-C2357V, GCA-H0325V, GCH-K0323V, GCH-K0326V*, GCH-K1325V, GCH-K1327V
Color:	Transparent
Material:	Polycarbonate
Regulation:	RoHS Compliant
Weight:	0.05 kg - 0.11 lbs
Dimensions:	110 x 65 mm - 4.33 x 2.56 In

Anti Vandal Clear dome cover for GCA-B432x/532xV/C2357V/H0325V, GCH-Kx32xV

GAC-B0604A

Suitable for:	GCA-B4323V, GCA-B4325V, GCA-B4326V, GCA-B4327V, GCA-B5325V, GCA-B5326V, GCA-C2357V, GCA-H0325V, GCH-K0323V, GCH-K0326V*, GCH-K1325V, GCH-K1327V
Material:	Polycarbonate
Color:	smoked/tinted
Regulation:	RoHS Compliant
Weight:	0.05 kg - 0.11 lbs
Dimensions:	110 x 65 mm - 4.33 x 2.56 In

Anti Vandal Smoked Dome Cover for GCA-B432x/532xV/C2357V/H0325V

GAC-B0704A

Suitable for:	GCA-B4323V, GCA-B4325V, GCA-B4327V, GCA-B5325V, GCA-B5326V, GCA-C2357V, GCA-H0325V, GCH-K0323V, GCH-K0326V*, GCH-K1325V, GCH-K1327V
Material:	Polycarbonate
Regulation:	RoHS Compliant
Weight:	0.05 kg - 0.11 lbs
Dimensions:	110 x 65 mm - 4.33 x 2.56 In

Anti Vandal Semi-Transparent dome cover for GCA-B432x/532xV/C2357V/H0325V, GCH-Kx32xV
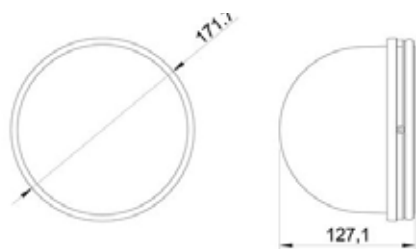
GAC-B1502A

Suitable for:	GCI-K1779P, GCI-K2795P, GCI-F0795P, GCI-C0745P, GCA-C0245P, GCH-K0274P, GCI-K2795P-1
Color:	Transparent
Material:	Polycarbonate
Regulation:	RoHS Compliant
Weight:	0.165 kg - 0.36 lbs
Dimensions:	152 x 70 mm - 5.98 x 2.76 In

Rain-Wash-Vandal Resistant Clear Dome Cover

- The new rain-wash dome coating from Grundig repels rain and dirt for maximum visibility.
- Vandal Resistant Clear Dome Cover (IK10)

DIMENSIONS (mm)

171,1

127,1

IP CAMERAS

IP RECORDERS

HD-TVI CAMERAS

ANALOGUE CAMERAS

HD-TVI/ ANALOG. RECORDERS

MONITORS

ACCESSORIES

GAC-B1504A

Suitable for:	GCA-B4323V, GCA-B4325V, GCA-B4326V, GCA-B4327V, GCA-B5325V, GCA-B5326V, GCA-C2357V, GCA-H0325V, GCH-K0323V, GCH-K0326V*, GCH-K1325V, GCH-K1327V
Color:	Transparent
Material:	Polycarbonate
Regulation:	RoHS Compliant
Weight:	0.05 kg - 0.11 lbs
Dimensions:	110 x 65 mm - 4.33 x 2.56 In

Rain-Wash-Vandal Resistant Clear Dome Cover

- The new rain-wash dome coating from Grundig repels rain and dirt for maximum visibility.
- Vandal Resistant Clear Dome Cover (IK10)

GAC-B1514A

Suitable for:	GCI-F1576VH-1, GCI-K1527V-1, GCI-K1527V, GCI-K1587V, GCI-F1576VH, GCI-K1587V-1, GCI-N0586V
Color:	Transparent
Material:	Polycarbonate
Regulation:	RoHS Compliant
Weight:	0.05 kg - 0.11 lbs
Dimensions:	151 x 92 mm - 5.94 x 3.62 In

Rain-Wash-Vandal Resistant Clear Dome Cover

- The new rain-wash dome coating from Grundig repels rain and dirt for maximum visibility.
- Vandal Resistant Clear Dome Cover (IK10)

TRANSMISSION

GTI-F1026F

10/100BaseTX FX Media Converter MM ST

- 1 x 10/100 BaseTX Ethernet TP Port and 1 x 100BaseFX Ethernet Fiber Port
- Fiber Port can support Multimode wire with ST connector
- Full- and Half-Duplex selection on FX Port over a slide switch
- Providing 19" Converter Chassis for up to 16 slots with redundant power supply for optional expansion use
- Metal housing against vandalism
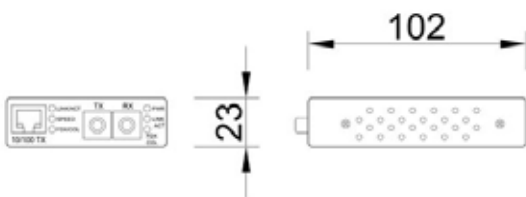
Network Standards:	IEEE 802.3,IEEE 802.3u
Interfaces:	1 x 10/100BaseT with RJ45 Connector, 1 x 100BaseFX with Multi Mode, ST Fiber connector
Wavelength:	850nm / 1310nm
Transmitter Output Power:	-20 ~ -14 dBm
Receiver Sensitivity:	max. -31 dBm
Power Budget:	11 dBm
Data Transfer Rate:	Ethernet: 10Mbps/Half-Duplex, 20Mbps/Full-Duplex, Fast Ethernet: 100Mbps/Half-Duplex, 200Mbps/Full-Duplex
Transmission Media:	100BaseTX Cat. 5/5e/6 UTP/STP, up to 100m
LED Indicators:	Power, Link up/Activity (TX and FX port), Full Duplex/Collision (TX and FX port), 10/100Mb/s
Supply Voltage:	5 VDC
Operating Temperature:	0°C ~ +60°C
Storage Temperature:	-20°C ~ +90°C
Humidity:	10 ~ 90% no condensation
Regulation:	CE, RoHS Compliant
Dimensions (W x H x D):	74 x 22 x 102 mm - 2.91 x 0.87 x 4.02 In:
Power Consumption (W):	10
Weight:	0.23 kg - 0.51 lbs

DIMENSIONS (mm)

GTI-G1811E

LAN & Power over Ethernet Extender

- IEEE 802.3i, IEEE 802.3u, IEEE 802.ab, IEEE 802.3x, IEE 802.3at
- No extra power requierd
- need around 2W per extension
- Metal housing against vandalism

|	
Network Standards:	IEEE 802.3, IEEE 802.3at, IEEE 802.3u , IEEE 802.3x, IEEE 802.ab
Interfaces:	1 x PD (Data + Power in), 1 x PSE (Data+Power out)
Filtering/Forwarding Rate:	10Mbps: 14,880 packets / sec 100Mbps: 148,800 packets / sec 1000Mbps: 1,488,000 packets / sec
Transmission Media:	100BaseTX Cat. 5/5e/6 UTP/STP, up to 100m
LED Indicators:	Power and PD Link
Supply Voltage:	PoE/PoE+ (IEEE 802.3af/at)
Operating Temperature:	-5°C ~ +45°C
Storage Temperature:	-20°C ~ +85°C
Humidity:	10 ~ 90%RH
Certifications:	CE, RoHS
Dimensions (W x H x D):	32 x 20 x 123 mm - 1.26 x 0.79 x 4.84 In:
Power Consumption (W):	2
Weight:	0.1 kg - 0.22 lbs

GAX-P9830A

High Power Gigabit Ethernet Injector IEEE802.at (HiPOE)

- 1 x Data input port compliant with IEEE 802.3 10BaseT, IEEE802.3u 100BaseTX and IEEE 802.3ab 1000BaseT
- 1 x PSE/PoE+ output port compliant with IEEE 802.3af PoE and IEEE802.3at PoE+
- Supporting the power Max. 30 W for PSE/PoE+ port
- Output port has output current limited, short-circuit protection, complete Power Device (PD) detection and classification
- Smart plug & play
- Metal housing against vandalism
- 1x PSE/PoE+ output port compliant with IEEE 802.3af PoE and IEEE802.3at PoE+

Network Standards:	IEEE 802.af, IEEE 802.at, IEEE 802.3, IEEE 802.3u,IEEE 802.3ab
Interfaces:	1 x RJ45 Data input, 1 x RJ45 Data + Power output
LED Indicators:	Power and PD Link
Supply Voltage:	48 Vdc
Power Output:	48 VDC / 30 W
Operating Temperature:	0°C ~ +45°C
Storage Temperature:	-20°C ~ +85°C
Humidity:	10 ~ 90% no condensation
Certifications:	FCC Class A, CE
Regulation:	CE, RoHS Compliant
Operating Humidity:	10% ~ 90%, non-condensing
Dimensions (W x H x D):	75 x 23 x 102 mm - 2.95 x 0.91 x 4.02 In:
Power Consumption (W):	35
Weight:	0.19 kg - 0.42 lbs

DIMENSIONS (mm)

GTI-M0833P
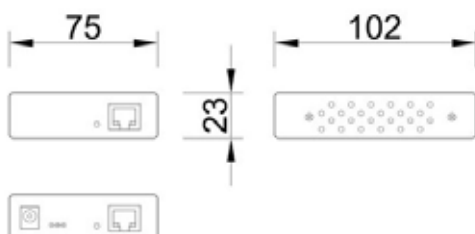
Powerline Adapter 500Mbps with PoE

- Automatic Setup & Configuration
- IP transmission over Powerline
- Secure communication
- PoE 802.3af

|	
Network Interface:	1x 10/100/1000 Base T/TX (RJ-45)
LED Indicators:	Power, PLC Link, ACT, Lan, PoE
Network Standards:	IEEE 1901, IEEE 802.3,IEEE 802.3u, IEEE802.3af
Encryption:	128-AES data encryption
Data Transfer Rate:	500Mbps (effective UDP: 100Mbps, TCP: 90Mbps)
Bandwidth:	2 MHz- 68 MHz
Modulation:	Orthogonal Frequency Division Multiplexing (OFDM)
PoE Budget:	15.4 W
Operating Temperature:	0°C ~ +55°C
Storage Temperature:	-10°C ~ +60°C
Humidity:	10 ~ 90% no condensation
Regulation:	CE, RoHS Compliant
Supply Voltage:	110 ~ 240 Vac, 50/60Hz
Dimensions (W x H x D):	67 x 96.5 x 23 mm - 2.64 x 3.8 x 0.91 In:
Weight:	0.3 kg - 0.66 lbs

CCTV KEYBOARDS

GKB-A0110M

Keyboard with 3D joystick

- Auto Protocol Search Function for easy installation
- Control DVR and PTZ separately
- Durable 3-axis PTZ joystick
- Camera, monitor, DVR and multiplexer selection

DIMENSIONS (mm)
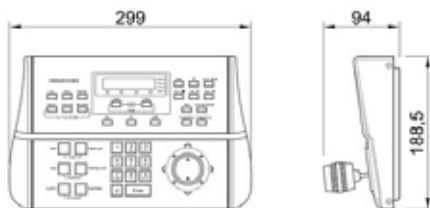
Serial Interface(s):	1x RS-232, 1x RS-485
Serial Protocol:	Grundig proprietary
Multi protocol (camera):	Pelco-D, Pelco-P, Panasonic, Samsung, DM, SonyD70, VCL, MIKAMI, CBC, B01, B02, SonyD70_R, EZ, VC, LILIN
Baud Rate:	1,200 ~ 19,200bps
Video Inputs:	1 CH Composite, BNC, Looped
Control:	Up to 99 DVRs
LCD Panel size:	2x16 Gray Graphic LCD
Pan/Tilt Control:	Pan (Left/Right), Tilt (Up/Down)
Lens Control:	Iris (Close/Open), Focus (Near/Far), Zoom (Tele/Wide)
DVR Control:	RW, Stop, Play, FF, Rec, PTZ, Menu, Search, Backup, Monitors
PTZ Control:	Auto PAN, Preset,Sequence and Cruise Function Support
Humidity:	20 ~ 70%RH
Storage Temperature:	-40°C ~ +70°C
Operating Temperature:	-10°C ~ +50°C
Supply Voltage:	12 Vdc (230 Vac power adaptor included)
Dimensions (W x H x D):	299 x 94 x 188.5 mm - 11.77 x 3.7 x 7.42 In:
Power Consumption (W):	1.5
Weight:	2.5 kg - 5.51 lbs

OUR QUALITY IS A PROMISE.

YOUR SAFETY THE REASON FOR KEEPING IT.

TERMS OF DELIVERY

Orders are only accepted subject to the Trading Conditions of ASP AG (Grundig Security, hereinafter called the "Supplier"). Purchasers of Supplier goods will, on accepting delivery, be deemed to have agreed that any printed conditions on their order or other documents shall only be binding where they are not at variance with these terms and conditions. Any buyer who objects to these terms below must, prior to delivery of goods, inform the Supplier of the objections in writing whereupon the order shall be deemed to be cancelled unless any proposed variation is accepted in writing by a Director of the Supplier.

1. PRICES. Prices charged for orders will, unless otherwise specified, be those ruling at the date of acceptance of that order. Quantity rates may apply once to each individual order and each delivery. Orders and deliveries may not be aggregated to obtain quantity rates. Prices quoted are exclusive of Value Added Tax. All prices quoted and charged are subject to payment being made within these terms. In the event of payment being overdue by 30 days or more then such prices are liable to re-calculation at the Supplier's pricing ruled in its price list current at the end of 30 days.

2. ORDERS. All orders shall be subject to the Purchaser being credit worthy, as determined by the Supplier. An order is only formerly accepted by the Supplier when a delivery date for the order is confirmed and communicated to the Purchaser. From time to time, upon request by the Supplier, the Purchaser shall furnish the Supplier with such financial information requested by the Supplier as will enable the Supplier to evaluate the Purchaser's financial status.

3. SHIPMENT. Shipment will only be made by the method of the Supplier's choice, unless otherwise agreed. Shipment will be made to any one of the Purchaser's permanent addresses. Every effort will be made to effect delivery on the delivery date communicated, or to any programme of dates agreed. However, no guarantee of delivery dates can be given and time of delivery is not of the essence of the contract. Failure to deliver on the communicated date shall not invalidate the contract or any remaining or outstanding deliveries.

4. PAYMENT. All monies are due to be paid not later than 30 days from the end of the month following the date of invoice, unless otherwise agreed in writing. Payments shall become immediately due upon commencement of any proceedings or any commission of any act in which the Purchaser's insolvency is involved.

5. TITLE TO GOODS. Until the Supplier has been paid in full for goods comprised in the order or in any other sales contract between the Supplier and the Purchaser or until title to goods is in terms relinquished to the Purchaser by the Supplier by writing under the personal hand of a / the Director of the Supplier;
a) The goods comprised in the order remain the Supplier's property and the Supplier reserves the right to dispose of the goods as the Supplier sees fit.
b) The Supplier may repossess (and for this purpose follow or trace) the goods at any time from the Purchaser, if in his possession, if the Supplier considers the amount outstanding is in excess of the credit limit and overdue for payment. The Supplier, its servants and agents may enter the Purchaser's premises where the Supplier has reason to believe any of the goods are situated.
c) The Purchaser as bailee undertakes to keep the goods safe and in good order and condition and clearly identified as the Supplier's property.
d) Should the Purchaser have passed the goods or any part of them to a third party (or have incorporated them in work for a third party) this will be deemed to have been done as the Supplier's agent only and any sums received by the Purchaser in respect of such goods or such work shall be held in trust for the supplier until all sums due to the Supplier are discharged.
e) Upon commission of any act of bankruptcy by an individual Purchaser the immediate repossession of the goods shall forthwith, automatically, revert to the Supplier.
f) All costs (including legal fees) occasioned in the recovery of goods shall be paid by the Purchaser.

6. WARRANTY. A warranty applies only to the Purchaser from the Supplier and where the goods are covered by a warranty. The warranty period for goods is 3 years, except for fully functional domes and recording equipment hard drives where the warranty is 1 year. The terms of such warranty shall be deemed to be part of these conditions. The Supplier warrants all goods to be free from defects in material and workmanship under normal use, provided the products have been installed and operated in accordance with the instruction manual.
The commencement date for all warranties is the date of delivery to the Purchaser from the Supplier. The Supplier makes no other warranty, express or implicit, with respect to the goods, their marketability, quality or fitness for any particular use or purpose. In particular, but without prejudice, to the general provisions of these conditions no responsibility is assumed for incidental or consequential damage by reason of any warranty expressed or implied.

7. CLAIMS. Claims may be made subject to the Purchaser;
a) Examining the goods on their delivery for any obvious damage or shortage and reporting any damage or short delivery in writing to the Supplier and the carrier within five days of the delivery date.
b) Reporting non-delivery by telephone (and confirmed in writing) to the Supplier within 10 days of the invoice date or expected delivery date. If the Purchaser fails to give notice or to report in accordance with these terms or shall deal with goods in any manner or if there shall be any conduct by the Purchaser inconsistent with rejection of the Goods, then the Goods of the quality specified in the contract shall be deemed to have been delivered to the Purchaser. No claim or rejection, properly made pursuant to these Conditions of Supply in respect of any part delivery of Goods shall be a ground for cancellation of the contract or order.

8. RETURNS. Returns for credit are only permitted after the Supplier has provided
a Returns Authorisation (RA) number. Such returns must be sent to the Supplier with freight paid in an unused condition. A re-stocking charge of up to 15% will be
applied to all returns. A higher rate may apply if the return requires re-packaging.
Returns on products over 3 years old will not be accepted. No software on which seals have been broken can be returned for credit. Please note Software Licenses are non-returnable.

9. RIGHT OF CANCELLATION. Rights of cancellation of the Supplier will become operable if the Purchaser should fail to meet his obligations as they fall due for any reason or if any distress or execution shall be levied upon the Purchaser's property or if the Purchaser shall commit an act of bankruptcy or being a limited company any resolution or petition to wind up its business shall be passed or presented (excepting winding-up for the purposes of reconstruction) or if a receiver of such company's undertaking property or assets shall be reimbursed for any fair and reasonable costs occasioned due to such cancellation.

10. LIABILITY. The Supplier shall under no circumstances be liable for any consequential or indirect damage or loss, however caused, including (but not restricted to) loss of profits, loss of goodwill, damage to trading relationships and
financial loss. The Supplier's liability in respect of all other losses shall be limited
to the invoiced value of the relevant order.

11. FORCE MAJEURE. The Supplier shall not be responsible or liable for its failure
to perform it obligations, if such failure is beyond the control of the Supplier, whether caused by acts of God, unavailability or shortages of materials or energy
necessary to produce and/or deliver goods by usual modes of transportation, fire,
flood, war, embargo, strikes, labour disputes, explosions, riots, of Laws, rule regulations, restrictions or orders of any Governmental authority, or any other cause, other than financial, beyond the control of the Supplier and its suppliers.

12. RELATIONSHIPS. Relationship is that of the Supplier and Purchaser, and neither the Supplier or the Purchaser nor any of their employees, customers or agents shall be deemed to be the representative, agent or employee of the other for any purpose whatsoever, nor shall any of them have any right or authority to assume or create an obligation of any kind or nature, express or implied, on behalf of the other, nor to accept service of any legal process addressed to or intended for the other, not to pledge the other's credit. The Purchaser warrants and represents that there is no legal impediment preventing acceptance of these terms and conditions of supply and that the acceptance of these has been duly authorised and that the obligations do not conflict with or violate any terms or conditions of any other agreement or commitment by the Purchaser.

13. ARBITRATION. These Terms & Conditions are governed by German law. Any dispute not settled by the parties shall be submitted to arbitration at the Düsseldorf Chamber of Commerce in Germany and shall be settled according to the laws of Germany.

14. ADVANCED REPLACEMENTS AND REPAIRS. Advanced replacements only apply on products which are no older than 3 months of the invoice date. Repairs only apply on products which are no older than their warranty period of 1 or 3 years.

15. ERRORS AND OMISSIONS. The Supplier makes every effort to ensure that all prices and descriptions quoted in printed form and on its website are correct and accurate. In the case of an error or omission, the Supplier will be entitled to rescind the contract, notwithstanding that he has already accepted the Purchasers
order, and the Supplier's liability in that event will be limited to the return of any money the Purchaser has paid in respect of that order.

WE ARE ALWAYS THERE FOR YOU.

We are glad to help! If you need assistance with one of our products or want to discuss your application with us, please do not hesitate to get in touch!

Easy Help
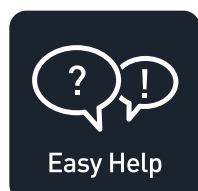
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