



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



ACCESSORIES

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



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



FOR A GOOD REASON

GRUNDIG

TECHNICAL SPECIFICATIONS

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)
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)
Max. IR Distance:	200 m
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 (DNR):	3D-DNR, auto
AGC:	Adjustable
White Balance:	Auto/Off
Number of Privacy Zones:	24
Intelligent Video Analytics:	Appear / Disappear, Audio Detection, Auto Tracking, Enter/Exit, Face Detection, IP Address Conflict, Network Disconnect, Storage exception, Tampering, Virtual Line Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
Image settings:	
OSD:	Yes
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
Alarm Trigger:	Motion detection, Tampering, Network disconnect, IP address conflict, Alarm Input, Storage error, Intelligent video analytics
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
Network Streaming:	TCP, UDP (Unicast, Multicast)
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
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