



2MP Intelligent IP IR LED PTZ Dome

- 20x motorized optical zoom with 16x digital zoom
- IR LEDs integrated
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- High Speed Pan/Tilt (350°/sec Pan 200°/sec Tilt)
- Privacy Zone Masking Function
- Supports Power over Ethernet (PoE)
- Intelligent Video Analytics Function



ACCESSORIES

GBR-WA10 GBR-JB10 GBR-IC10 GBR-CE10S



GBR-CE10M GBR-CE10L



Image Sensor:	1/2.8" Progressive Scan CMOS
Pixels - Total:	1920(H) x 1080(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)
Lens Focal Length:	4,7 ~ 94 mm
Viewing Angle:	61.4° ~ 2.9°
Optical Zoom Ratio:	20x
Digital Zoom:	16x
Lens Drive Type:	Auto Iris (DC)
Iris F-Number:	F1.6 ~ 3.5
Max. IR Distance:	50 m
IR LED:	6 pcs. / 4 with 84° viewing angle, 2 pcs. with 30° viewing angle
Pan Speed:	Manual: 0.1°/s ~ 300°/s, Preset: 350°/s (max.)
Tilt Speed:	Manual: 0.1°/s ~ 160°/s, Preset: 200°/s (max.)
Range Panning:	360° endless
Range Tilting:	-5° ~ 90°
Number of Preset:	300
Sequence:	8
BLC Back Light:	On/Off
WDR:	On/Off
Digital Noise Reduction:	3D-DNR, auto
AGC:	Adjustable
White Balance:	Auto, Manual, ATW, Indoor, Outdoor, Fluorescent light, Sodium light
Number of Privacy Zones:	8
Motion Detection:	Off, ON (Normal, Expert mode, by Schedule)
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 Stream 50Hz: 25fps (1920 x 1080, 1280 x 960, 1280 x 720); 50fps (1920 x 1080, 1280 x 960, 1280 x 720); 60Hz: 30fps (1920 x 1080, 1280 x 960, 1280 x 720), 60fps (1920 x 1080, 1280 x 960, 1280 x 720) Sub Stream 50Hz:25fps (704x576, 640x480, 352 x 288); 60Hz:30fps (704x480, 640x480, 352 x 240) Third Stream 50Hz: 25fps (1920 x 1080, 1280 x 960, 1280 x 720, 704 x 576, 640x480, 352 x 288); 60Hz: 30fps (1920 x 1080, 1280 x 960, 1280 x 720, 704 x 480, 640x480, 352 x 240)
Bit Rate:	Mainstream: 256kbps~16384kbps, Substream: 256kbps~8192Mbps, Third Stream: 256kbps~16384kbps
Audio Compression:	G.726, G.711 a/u, MP2L2, PCM, G.722.1
Audio Input/Output:	Line In/Line Out (two way Audio)
Network Protocol:	DHCP, TCP/IP, RTP, HTTP, NTP, PPPoE, RTSP, UPnP, SMTP, FTP, SNMP, DNS, DDNS, HTTPS, IPv4/IPv6, QoS, RTCP, IEEE 802.1 X, Bonjour
ONVIF compliant:	Profile S
Web Browser:	MS Internet Explorer 7.0 (or higher), Mozilla Firefox, Google Chrome, Apple Safari
Security:	HTTPS, IP FILTER, IEEE802.1x, Admin/User account
Alarm Input/Output:	2/2
Video Outputs:	No (n/a)
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 PoE+ (RJ-45)
Operating Temperature:	-30°C ~ +65°C
Humidity:	less than 90%, non condensing
Protection Rating:	IP66
Supply Voltage:	12 Vdc, PoE+ (IEEE 802.3at)
Power Consumption (W):	18
Weight:	2.45 kg - 5.4 lbs
Dimensions:	170 x 161 mm - 6.69 x 6.34 In