

# G50HD Series

## Full-HD Mp Network Outdoor PTZ Speed-dome Camera with Illumination



ONVIF

IP  
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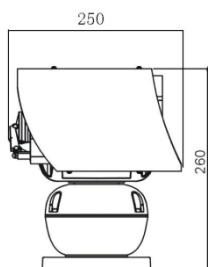
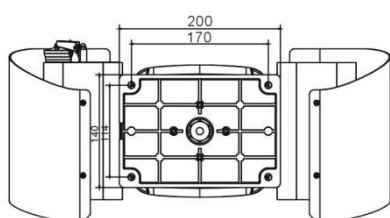
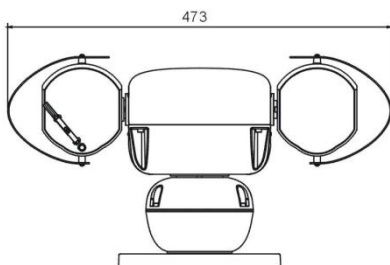
Full  
HD

12x  
Dig

### Features

- 1/2.8 and 1/4 inch type Exmor® Sensor with approx. 3.27Mp for 1080p and 1.43Mp for 720p
- High Precision PTZ device with original Sony FCB series modules
- Built-in Infrared, Visual or Laser Beamer

### Dimensions (mm)



### Technical Specifications

MODEL	G50HD
<b>CAMERA CHARACTERISTICS</b>	
Optics	G50HD830: Sony FCB EH6500, 1/2.8 type, 30x Opt, f=4.6 mm (wide) to 138.0 mm (tele), F1.6 to F4.7, 1080p, 0.5 lx, image stabilisation  G50HD820: Sony FCB EH6300, 1/2.8 type, 20x Opt, f=4.7 mm (wide) to 94.0 mm (tele), F1.6 to F3.5, 1080p, 0.5 lx  G50HD728: Sony FCB EH3410, 1/4 type, 28x Opt, f=3.5 mm (wide) to 98.0 mm (tele), F1.35 to F3.7 720p, 0.25 lx, image stabilisation  G50HD720: Sony FCB EH3310, 1/4 type, 28x Opt, f=3.5 mm (wide) to 70.0 mm (tele) F1.35 to F3.4720p, 0.25 lx  * All models are equipped with 12x digital zoom
Resolution	1080p: Approx 3.27Mp, 1920 x 1080, 1280 x 720, 720 x 480, 720 x 576 720p: Approx. 1.43Mp, 1280 x 720, 720 x 480, 720 x 576
Features	Auto/Manual Focus, Auto/Manual WDR, Auto/Manual White Balance (ATW, Indoor, Outdoor, Auto Sodium Vapour Lamp (fix/auto), One Push, Manual), Video Enhancements (AGC, BLC, AE/ALC, WB, Eletr.-Flip, Mirror, DNR, Slow-Shutter, Colour Enhancement)
Privacy Masking	Max. upto 24 masks
Gain control	Auto/Manual (-3 dB to +28 dB, 16 steps), Max. Gain Limit (6 dB to 28 dB, 12 steps)
Others	S/N Ratio: >50dB, Shutter speed: 1/1 to 1/10000 sec
<b>PTZ CHARACTERISTICS</b>	
PTZ Range	Pan: 360°, 0.4° to 320° per sec / Tilt: 90°, 0.4° to 150° per sec
Preset position	128 positions
Sequence Tour	4 Preset tours
Scan Track	4 Scan tour
Pattern Track	4 Pattern Tour, 100 sec each
Idle protection	0 to 240 sec
Boot-up action	Preset, tours, tracks
<b>BEAMER LIGHT</b>	
Infrared Illuminator (IR)	Infrared LED Ø 8mm X 48pcs up to 80m
Visual Lamp (VL)	Osram Halogen, 24VAC, 30W up to 100m
Laser Infrared Illuminator (L)	IR Laser Beamer Class 3A with Optic adjustment up to 200m
<b>IP CHARACTERISTICS</b>	
Video Stream	H.264 Compression
Frame Rate	Max. 30fps @1080p and Max 60fps @ 720p
Bitrate	64Kbit/s to 10 Mbit/s
Network Interface	Static IP, DHCP, PPPoE, DDNS client
Protocol	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP, ToS, DNS, DDnS, SNTP/NTP
Streaming	TCP, Multicast, RTP over UDP or/and Multicast
Access	Web Browser, NVR Software
Image Correction	Brightness, Saturation, Contrast
User Admin	Root level and up to 10 Users
Network Protocol	Video Interface Protocol, ONVIF
<b>CONNECTION INTERFACE</b>	
Network	RJ45 10/100Mbit/s T-Base
Audio & Alarm I/O	1x Input, 1x Output
Operating Temperature range	-40°C to 65°C, 80% Humidity
Construction	Aluminium alloy, IP66 Rated
Dimension	S – Series: Ø198 (D) x 216 (H) mm, E (embedded) – Series: Ø245 (D) x 252 (H) mm
Power	12V DC / 24V AC
With Illumination	IR: max.55W, L: 60W, VL: 80W

### Accessories

WP20-5 – Power



BW50 – Wall mount



BW7 – Pole mount



BW9 – Corner mount



Specifications may be subject to changes without notice