

- 5MP WDR IR Fixed-focal Smart Eyeball Network Camera
- GW-UDB97RC85H(-A)



▪ Features

- High quality image with 5MP, 1/2.7"CMOS sensor
- 5MP resolution 2880*1620@25fps Smart encoding
- H.265, H.264 Smart Encoding
- Smart Intelligent Cross Line, Enter Area, Leave Area, Intrusion, People Flow Counting, Crowd Density Monitoring.
- Extra-ISP technology ensures high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode, Rotation 90°, ROI, Watermark
- 2D/3D-DNR, Slow Shutter, light control, White Balance, Defog
- Support Audio abnormal Detection
- Smart IR, up to 30m (98ft) IR distance
- IP67 protection
- 3-Axis
- Built in Mic(optional);
- Junction Box and bracket are optional.

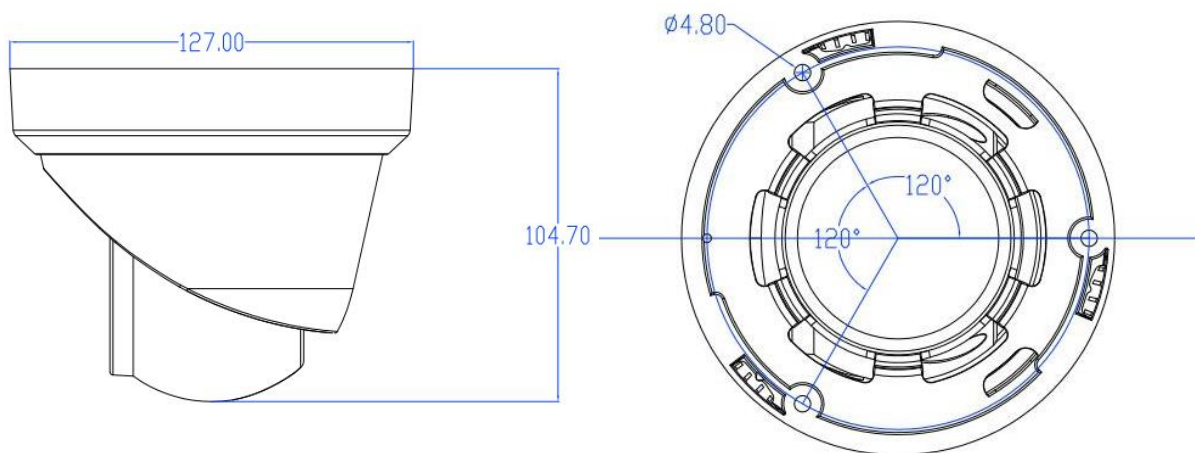
Technical Specifications

Camera					
Image Sensor	1/2.7", 5.0 megapixel, progressive scan, CMOS				
Minimum Illumination	Color: 0.005 lux (F1.6, AGC ON) 0 lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Smart IR	Support				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 90°		Rotate: 0° ~ 360°	
S/N	>56dB				
Illuminator Number	18 (SMD IR LED)				
Illuminator On/Off Control	Auto; Manual				
Illumination Distance	Up to 30m				
Lens					
Lens Type	Fixed-focal				
Focal length	2.8mm/3.6mm				
Max. Aperture	F2.0				
Field of View	2.8 mm: Horizontal 105.0° × Vertical 71.0° × Diagonal 132.0° 3.6 mm: Horizontal 84.0° × Vertical 58.0° × Diagonal 110.0°				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	56m	22.4m	11.2m	5.6m
	3.6mm	80m	32m	16m	8m
Smart					
Behavior Analysis	Intrusion, Cross Line, Enter Area, Leave Area, People Flow Counting, Crowd Density Monitoring				
Target Detection	Human Body Detection, Vehicle Detection, Non-motor Vehicle Detection				
Common Alarm	Motion Detection, Tampering Alarm, Audio Detection (Alarm Input, Alarm Output optional)				
Video					

Video Standard	Ultra 265, H.265, H.264, MJPEG
Video Resolution	Main Stream: 25fps@5MP(2880x1620)/4MP(2560x1440), 30fps@3MP(2304x1296)/1080P Sub stream: 30fps@720P/D1/640x360/CIF Third stream: 30fps@D1/(640x360)/CIF
Video Bitrates	128 Kbps~16 Mbps, VBR/CBR
Day/Night	Auto/Color/(B/W)/Timing
WDR	2-Exposure Line optical WDR up to 120DB
White Balance	Auto/Indoor/Outdoor
AGC/BLC/HLC	Support
DNR	2D/3D DNR
OSD	Up to 8 OSDs
Motion Detection	Up to 4 areas
Privacy Masking	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 22 x 18 cells
Mirror	Yes
Flip	Normal/Vertical/Horizontal/180°
Audio	
Audio Standard	G.711-u/G.711-a/AAC
Built-in Mic	Optional
Network	
Network Port	RJ-45 (10/100 Base-T).
Protocol	IPv4, IPv6, P2P, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, PPPoE, SMTP, SSL, TLS.
P2P	Yes
Compatible Integration	ONVIF 17.12 (Profile S, Profile T), SDK
Client Software	Guard Station -- (PC) Guard Viewer -- (Mobile APP) Guard Tool -- (IP tool)
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+

Media	CMS, Android, IOS
Storage	FTP; NAS, Micro-sd card up to 256G(optional)
General	
Network Port	1-RJ45, 100Mbps,
Power Supply	12 VDC $\pm$ 10%, PoE(802.3af)
Power Consumption	< 6W
Operating Temp.	-30°C -(+60)°C, 10%-90%RH
Protection	IP67
lightning Protection	4KV
Casing Material	Metal

▪ Dimensions (mm)



▪ Accessories



Junction Box GW-FSH-06A



Bracket GW-J15-03A