

- 3MP HD IR Fixed-focal Turret Network Camera
 - GW-UDB97RC83(-A)



- Features

- High quality image with 3MP, 1/2.7"CMOS sensor
- 3MP (2304*1296) @30/25fps; 2MP (1920*1080) @30/25fps;
- Ultra 265, H.265, H.264, MJPEG
- 2.8mm/3.6mm fixed lens
- Smart IR, up to 30m (98ft) IR distance
- IP67 protection
- Support PoE power supply
- Microphone is optional

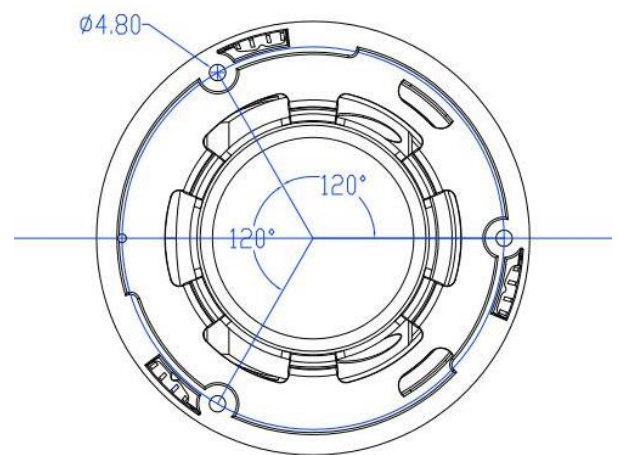
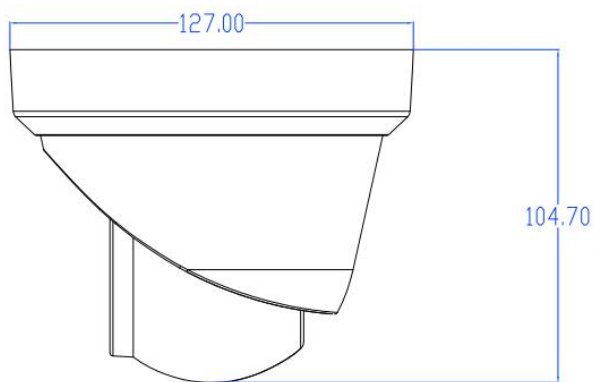
▪ Technical Specifications

Camera					
Sensor	1/2.7", 3.0 megapixel, progressive scan, CMOS				
Minimum Illumination	Color: 0.01Lux (F2.0, AGC ON), 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Adjustment angle	Pan: 3° to 360°, Tilt: 0° to 68°, Rotate: 3° to 360°				
WDR	DWDR				
S/N	>52dB				
Lens					
Focal length	2.8mm/3.6mm				
Angle of View	2.8 mm: Pan: 110.0° Tilt: 59.0° Diagonal: 132.0° 3.6 mm: Pan: 91.0° Tilt: 48.0° Diagonal: 109.0°				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	37.3	14.9	7.5	3.7
	3.6	53.3	21.3	10.7	5.3
Illuminator					
Illuminator Number	2 (IR LED)				
Illumination Distance	Up to 30m				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Video					
Video Compression	H.265, H.264, MJPEG				
Frame Rate	Main Stream: 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
Bit Rate Control	CBR/VBR				
Video Bit Rate	128 Kbps~6144 kbps				
Mirror	Supported				

OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 4 areas
Motion Detection	Up to 4 areas
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Image Setting	Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser
Digital noise reduction	2D/3D DNR
Smart IR	Supported
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
HLC	Supported
BLC	Supported
Defog	Digital Defog
Audio	
Audio Standard	G.711-u/G.711-a
Mic	Optional
Network	
Network	RJ-45 (10/100 Base-T)
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	GuardStation
Mobile Phone	Guard Viewer
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+
Network Storage	FTP, ANR, NAS

General	
Network Port	1-RJ45, 100Mbps,
Power Supply	12 VDC $\pm$ 10%, PoE (IEEE 802.3af)
Power Consumption	< 8W
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: $\leq$ 95% RH (non-condensing)
Casing	Metal

▪ Dimensions (mm)



▪ Accessories

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Junction Box GW-FSH-06A



Bracket GW-J15-03A