

- 8MP Full-color Warm Light Turret Network Camera with Mic and Speaker
- GW-UDK97RC88L-LED



- Features

- 8MP, 1/2.7" CMOS sensor
- 8MP resolution 3840*2160@20fps Smart encoding
- H.265, H.264 Smart Encoding
- Smart Human body detection and Vehicle detection
- Extra-ISP technology ensures high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support image flip, ROI, Watermark
- 2D/3D-DNR, Slow Shutter, light control, White Balance, Defog
- Support Audio abnormal Detection
- Built-in warm lights, max. illumination distance: 30 m.
- 24/7 full-color imaging
- IP67 protection
- 3-Axis
- Built-in Micro-SD card slot, up to 256GB
- Built in Mic and Speaker
- Junction Box and bracket are optional.

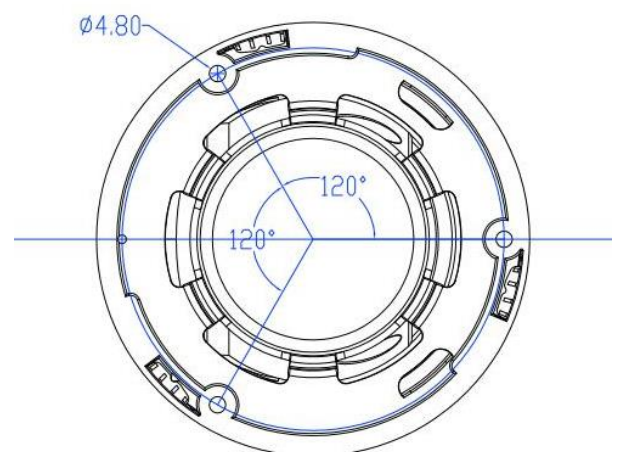
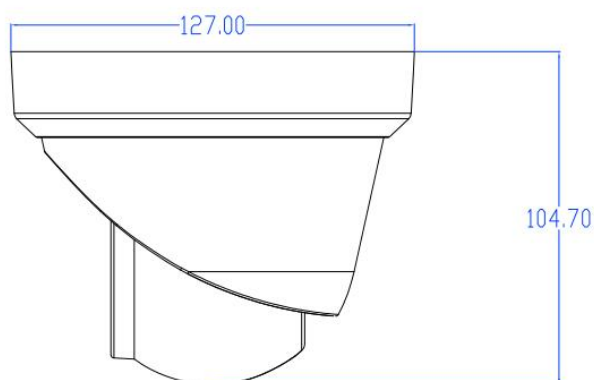
▪ Technical Specifications

Camera					
Sensor	1/2.7", 8.0 megapixel, SmartSens SC8238 CMOS				
Soc processor	SigmaStar SSC338G, Dual-Core A7 1.0GHz, Mount 2Gb DDR3				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Min. Illumination	Color: 0.01Lux (F2.0, AGC ON) 0Lux with IR				
WDR	2-Exposure optical WDR up to 120DB				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
Illuminator Number	2pcs Warm Light				
IR Range	Up to 30m (98ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual, IR can be turned off				
Defog	Digital Defog				
Lens					
Lens Type	Fixed-focal				
Focal length	2.8mm				
Max. Aperture	F1.0				
Field of View	2.8 mm: Horizontal 105.0° × Vertical 56.0° × Diagonal 125.0°				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	74.7m	29.9m	14.9m	7.5m
Video					
Max. Resolution	3840 x 2160				
Video Compression	H.265, H.264 Smart Encoding				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 20fps@3840x2160, 30fps@5MP(2880x1620)/4MP(2560x1440)/3MP(2304x1296)/1080P				

	Sub stream: 30fps@720P/D1/640x360/CIF Third stream: 30fps@D1/(640x360)/CIF
Video Bit Rate	128 Kbps~8 Mbps
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 22 x 18 cells
Audio	
Audio Standard	G.711-u/G.711-a/AAC
Built-in Mic	Yes
Speaker	Yes
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°
Low Shutter	Support
Smart Illumination	Support Auto / Manual, Led ON/OFF control
BLC	Support
Smart	
Behavior Analysis	None
Target Detection	Human Body Detection
Detection Distance	15 m
Network	
Network Port	10/100M Base-TX Ethernet
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, Built-in Micro-SD card slot, up to 256GB
General	
Network Port	1-RJ45, 100Mbps,
Power Supply	12 VDC $\pm$ 10%, PoE(802.3af)
Power Consumption	Max 8W
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