

8MP HD Intelligent Light and Audible Warning Fixed Eyeball Network Camera

GV-E8MP-AI-IP-2.8-IR30CDWP



Features

- High quality image with 8 MP, 1/2.7" CMOS sensor
- 8 MP (3840 × 2160) @30/25 (default) fps; 5 MP (3072×1728) @30/25 fps; 4 MP (2560×1440) @30/25 fps; 1080P (1920×1080) @30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Color Hunter with Wise-ISP technology ensures 24-hour full-color images
- Intelligent perimeter protection, including cross line, intrusion, enter area, leave area detection
- Intelligent intrusion prevention system based on target classification significantly reduces false alarms caused by leaves, birds, and lights, accurately focusing on humans, vehicles, and non-motor vehicles
- Intelligent people flow counting and crowd density monitoring
- 130 dB true WDR technology ensures clear image in strong backlight scene
- Supports 9:16 corridor mode
- Built-in mic and speaker
- Smart IR, up to 30 m (98.4 ft) IR distance
- MicroSD, up to 512 GB
- IP67 protection

Specifications

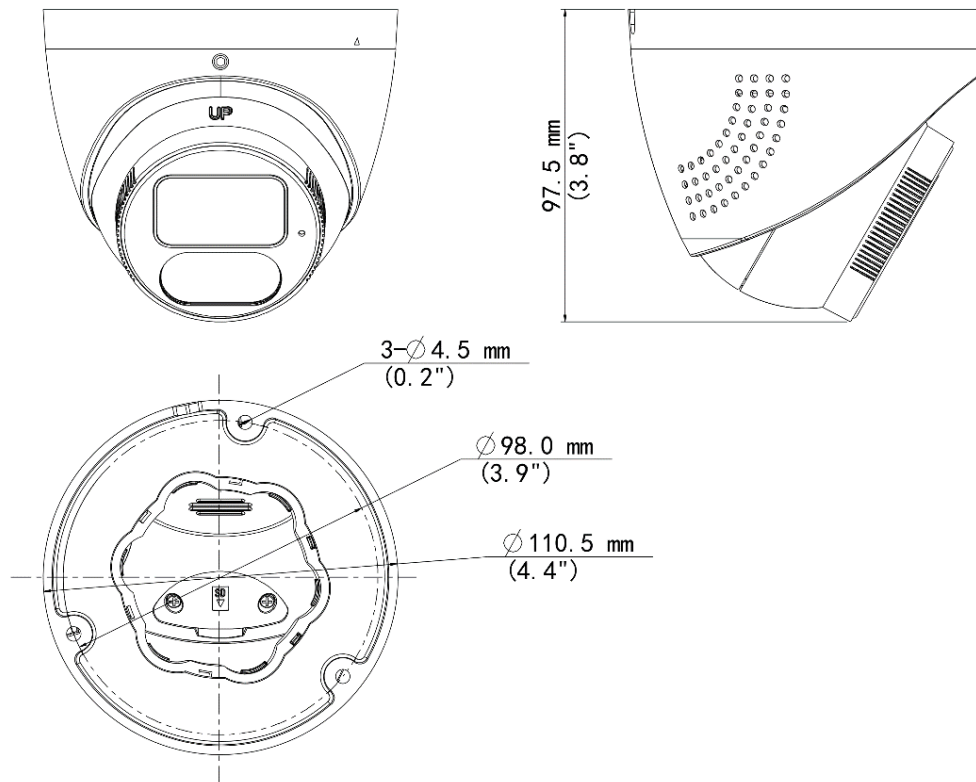
Model	GV-E8MP-AI-IP-2.8-IR30CDWP
Camera	
Max Resolution	8MP
Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.003 Lux (F1.4, AGC ON), 0 Lux with light
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000s
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 80°, Rotate: 0° to 360°
S/N	> 56 dB
WDR	130 dB
Lens	
Focal Length	2.8 mm
Iris Type	Fixed
Iris	F1.4
Field of View (H)	98.7°
Field of View (V)	53.6°
Field of View (D)	113.4°
Lens Type	Fixed
DORI	
DORI Distance (Lens)	2.8 mm
DORI Distance (Detect)	84.0 m (275.6 ft)
DORI Distance (Observe)	33.6 m (110.2 ft)
DORI Distance (Recognize)	16.8 m (55.1 ft)
DORI Distance (Identify)	8.4 m (27.6 ft)
Illuminator	
Supplemental Light	Dual light
Illumination Distance (IR)	30 m (98.4 ft)
Illumination Distance (Warm Light)	30 m (98.4 ft)
IR On/Off Control	Auto/Manual
Wavelength	850 nm
Light On/Off Control	Auto/Manual
Video	
Video Compression	Ultra265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 8 MP (3840 × 2160), max. 30 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; Sub Stream: 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps;

	Third Stream: D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Triple streams
Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital defog
Intelligent	
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)
Statistical Analysis	N/A
People Counting	Support people flow counting and crowd density monitoring
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, 802.1x, SNMP, QoS, SSL/TLS, SSH, HTTPS, SMTP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Client	APP: Guard Live CMS: Guard Station Tools: Guard Tools
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+,

	Firefox 58+, Edge 16+
Interface	
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	Support
WIFI	N/A
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130-4) FCC (FCC 47 CFR part15 B)
Safety	CE-LVD (EN 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU; (EU) 2015/863); WEEE (2012/19/EU)
Protection	IP67 (IEC 60529)
General	
Power	DC 12 V±25%, PoE (IEEE 802.3af)
Power Consumption	Max. 11.5 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Ø111 mm × 98 mm (Ø4.4" × 3.8") (Ø × H)
Weight	0.47 kg (1.04 lbs.)
Material	Metal
Working Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	N/A
Web Client Language	20 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese

*Product performance is based on testing in a controlled environment. Your results may vary due to several external and environmental factors

Dimensions



Accessories

GV-JB3G

Junction Box for Dome
(Support wiring from behind)



GV-JB7-WM3G

Wall Mount Assembling Bracket for
Dome & Turret Camera



GV-WM3D

Wall Mount Bracket for
Dome & Turret Camera



GV-WM6-E

Tilted Mounting Bracket for
Dome Camera



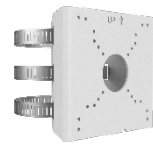
GV-AI

NPT 3/4" Waterproof Cable Gland



GV-PS6C-V2

Universal Pole Mounting Bracket



GV-CM8C

Bullet & Dome Corner
Mounting Bracket



GV-PMS24

Dome Pendant Mounting Pole

200mm



GV-PMS24A

Dome Pendant Mounting Pole

500mm



GV-CM24

Dome Pendant Mounting Bracket (Indoor)

