

4x5MP Color Hunter Multi-Sensor VF Network Dome Camera

GV-D5MPX4-AI-IP-2.7-13.5-IR50S



Features

- One IP with four channels
 - Support multiple intelligent functions, different functions of each channel can be enabled at the same time to satisfy various analysis requirements
 - Pan, tilt, rotation angle of each lens can be adjusted independently, suitable for more complicated scenes
 - 4 channel video output, 2880*1620@30fps in the mainstream of each channel, provide high-definition image
 - Ultra 265, H.265, H.264, MJPEG
 - Smart intrusion prevention, support false alarm filtering, realize accurate detection based on specific target
 - Face capture, automatic selection of best snapshots and face attribute collection
 - People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios
 - Starlight technology ensures ultra-high image quality in low illumination environment
 - Up to 130 dB Optical WDR (Wide Dynamic Range)
 - IP67 ingress & IK10 protection
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Specifications

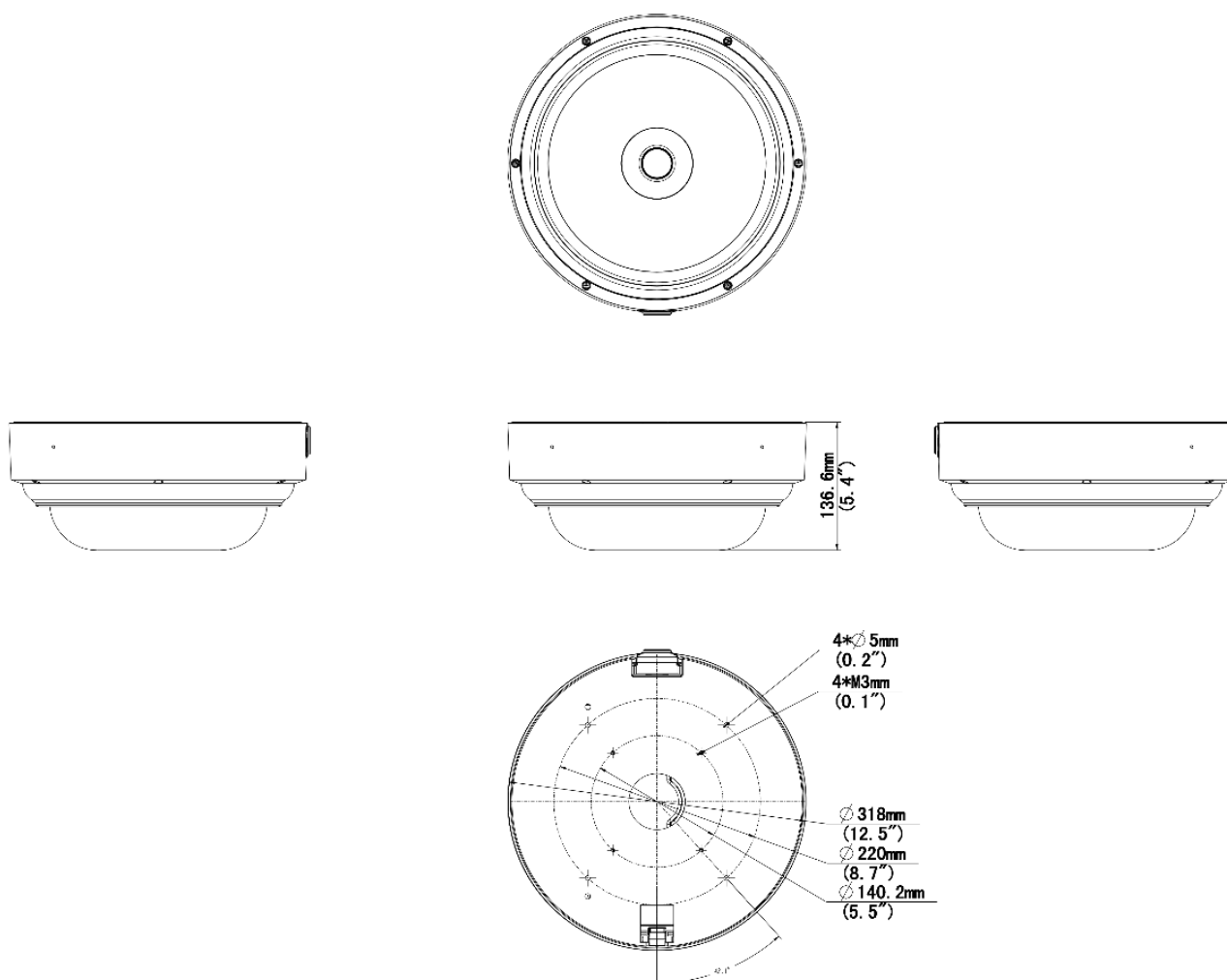
Model	GV-D5MPX4-AI-IP-2.7-13.5-IR50S
Camera	
Max Resolution	4 × 5 MP
Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.002 lux (F1.2, AGC ON) 0 lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
WDR	130 dB
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 65°, Rotate: 0° ~ 355°
S/N	>56 dB
Case Type	Dome
Lens	
Focal Length	2.7 to 13.5 mm
Optical Zoom	5X
Iris	F1.2 * 4
Field of View (H)	(W)110.3°~(T)31°
Field of View (V)	(W)57.1°~(T)17.5°
Lens Type	5X
Field of View (D)	(W)143.4°~(T)38.1°
Iris Type	Fixed
DORI	
DORI Distance (Lens)	2.7-13.5mm
DORI Distance (Detect)	70.9m~247.5m(232.5ft~812.0ft)
DORI Distance (Observe)	28.4m~99.0m(93.0ft~324.8ft)
DORI Distance (Recognize)	14.2m~49.5m(46.5ft~162.4ft)
DORI Distance (Identify)	7.1m~24.8m(23.3ft~81.2ft)
Illuminator	
Illumination Distance (IR)	50 m (164.0 ft)
Wavelength	850 nm
IR On/Off Control	Auto/Manual
Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2, Area white balance
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital defog
Intelligent	
Exception Detection	Scene change, Defocus detection, Object removed, Object Left Behind

Face Capture	Support
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)
People Counting	Support people flow counting and crowd density monitoring
Events	
Motion Detection	Support
Tampering Detection	Support
Audio Detection	Support
UMD (Ultra Motion Detection)	Support
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH
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
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	APP: Guard Viewer 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+
Storage	
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate-Main Stream	Channel * 4 5MP (2880*1620), Max 30fps; 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps

Frame Rate-Sub Stream	Channel * 4 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps
Frame Rate-Third Stream	Channel * 4 D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps
Frame Rate	Channel * 4 Main Stream: 4MP (2880*1620), Max 30fps; 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps
Frame Rate Recommendation	Channel * 4 2880*1620@30fps+1080P@30fps+D1@30fps
Video Bit Rate	128 Kbps ~ 16 Mbps * 4Channel
U-code	Support
ROI	Support
Video Stream	Triple streams
OSD	Up to 10 OSDs * 4 Channel
Privacy Mask	Up to 8 * 4Channel

Audio	
Audio Compression	G.711U, G.711A
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Interface	
Audio I/O	1 Input: impedance 1 k Ω , amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω , amplitude 2.5 V [p-p]
Alarm I/O	3/2
Built-in Mic	Support
Network	1 $\times$ RJ45 10 M/100 M/1000 M Base-TX Ethernet
Live View	
Maximum Bitstream	20
Plugin Free	Support
OSD Font	Vector
OSD Color	Support
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130) 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), IK10 (IEC 62262)
General	
Power	DC 24V $\pm$ 25%, AC 24V $\pm$ 25%, PoE (IEEE802.3bt)
Built-in DC12V Output	Support
Power Consumption	Max 31W
Power Interface	Wires with cold-pressed terminal
Dimensions	Φ 318 x 136.6 mm (Φ 12.52" x 5.38") (Φ x H)
Weight	4.77Kg (10.52lb)
Working Environment	-30 $^{\circ}$ C ~ 60 $^{\circ}$ C (-22 $^{\circ}$ F ~ 140 $^{\circ}$ F), Humidity: 5%~95% RH
Storage Environment	-40 $^{\circ}$ C ~ 70 $^{\circ}$ C (-40 $^{\circ}$ F ~ 158 $^{\circ}$ F), Humidity: 5%~95% RH
Surge Protection	6 KV
Web Client Language	22 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, Arabic, Slovak
Reset Button	Support
RTC	Support
Axis	3-Axis
Compliance	
NDAA Compliant	Support

Dimensions



Accessories

GV-PM45K

Multi-Directional Ceiling
Mounting/Wall Mounting Adapter



GV-CM45

Ceiling Mount



GV-WM45B

Large Extending Wall Bracket



GV-WM45A

Wall Mount Bracket



GV-CM8A

Corner Mount Bracket



GV-CM8B

Corner Mount Bracket



GV-PS8A

Pole Strap Bracket



GV-PS8B

Pole Strap Bracket

