

GV-BLFC5800 AI 5MP H.265 Super Low Lux WDR Pro Full Color Warm LED

Bullet IP Camera



- AI deep learning: Smart Perimeter Protection & Classification (Human, Vehicle)
- 1/2.7" progressive scan CMOS sensor
- Min. illumination at 0.001 lux
- Triple streams from H.265, H.264 or MJPEG
- Up to 30 fps at 2880 x 1620
- Full color smart warm LEDs distance up to 30 m (100 ft)
- Vandal Resistance (IK10 for metal casing)
- Ingress protection (IP67)
- Built-in microSD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- Two-way audio capable
- DC 12V / PoE (IEEE 802.3af)
- Wide Dynamic Range Pro (WDR Pro)
- AI analytics (Cross Line, Intrusion, Enter Area, Leave Area, Face Detection, People Flow Counting, Crowd Density Monitoring)
- Defog
- 3D noise reduction
- Motion detection
- Text overlay
- Privacy mask
- Tampering Alarm
- 12 languages supported
- ONVIF (Profile G, S, T, M) conformant

Introduction

GV-BLFC5800 is an outdoor, network camera equipped with smart warm LEDs for full color surveillance during nighttime. The camera supports H.265 video codec to achieve a better compression ratio while maintaining high-quality pictures at reduced network bandwidths. The camera adheres to IK10 and IP67 standards, and can be powered through PoE.

Empowered by deep learning algorithms, its AI technology distinguishes humans and vehicles from other moving objects. When integrated with GeoVision Video Management Software (VMS), it supports AI perimeter protection, real-time alert, event playback, and more.

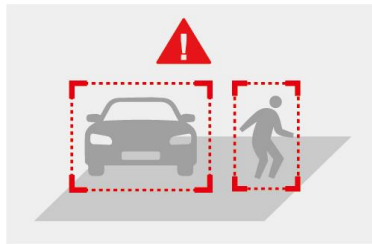
Deep Learning Function

Face Detection

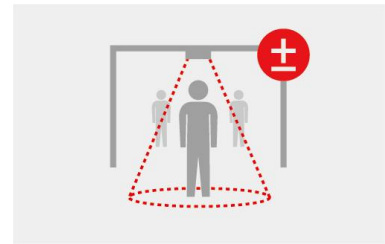


AI Perimeter Protection

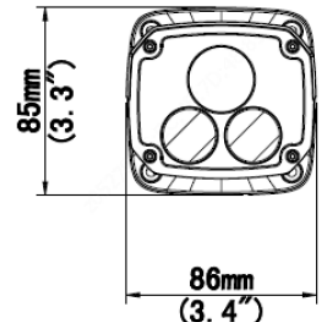
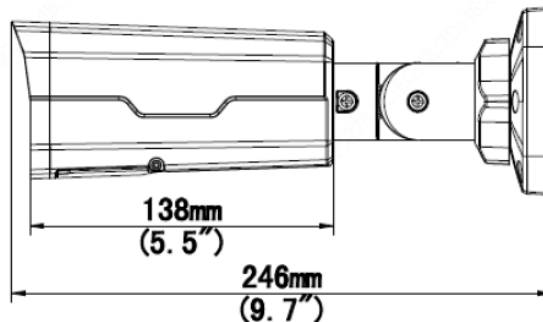
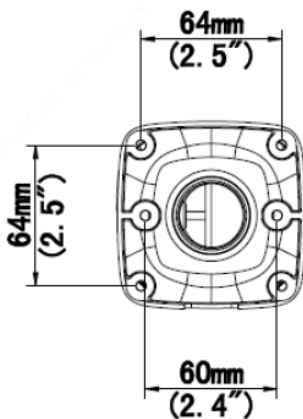
(Intrusion, Crossing Line
Entering Area, Leaving Area)



People Flow Counting



Dimensions



Specifications

Camera		
Image Sensor		1/2.7" progressive scan CMOS
Picture Elements		2880 (H) x 1620 (V)
Minimum Illumination	Color	0.001 Lux (F1.0, AGC ON)
Shutter Speed		Auto / Manual (1 ~ 1/100000 sec)
White Balance		Automatic, Manual
Gain Control		Automatic, Manual
S/N Ratio		56 dB
WDR Pro		Yes
Dynamic Range		120 dB
Lens		
Megapixel		5 MP
Day / Night		Color
Lens Type		Fixed
Focal Length		4mm
Maximum Aperture		F/1.0
Mount		M12
Horizontal FOV		80.2°
Operation	Focus	Fixed
	Zoom	Fixed
	Iris	Fixed
Smart Illumination	LED Quantity	2 Warm LEDs
	Max. LED Distance	30 m (100 ft)

DORI		Detect	Observe	Recognize	Identify
Lens	4 mm	90 m (295.3 ft)	36 m (118.1 ft)	18 m (59.1 ft)	9 m (29.5 ft)
Operation					
Video Compression		H.265, H.264, MJPEG			
Video Streaming		Triple streams			
Video Resolution	Main Stream	2880 x 1620 (default), 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720			
	Sub Stream	1280 x 720, 720 x 576, 640 x 480, 640 x 360 (Default)			
	Third Stream (Closed by Default)	640 x 360, 352 x 288			
Frame Rate		30 fps at 2880 x 1620, 30 fps at 2560 x 1440, 30 fps at 2304 x1296, 30 fps at 1920 x1080 (60 / 50 Hz) * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).			
Maximum Throughput		40 Mbps			
Maximum Stream *When the total bitrate is within the maximum throughput		20			
Video Analytics		Motion Detection, Tampering Alarm, Audio Detection. *Tampering alarm and audio detection are only accessible through the camera’s Web interface, which can be used to trigger alerts such as e-mail and FTP			
Image Setting		Brightness, Contrast, Saturation, Sharpness, Flicker-less, 3D Noise Reduction, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270°-including Corridor format).			
Audio Compression		G.711			
Audio Support		Two-way audio (external microphone and speaker required)			
Digital I/O	Input	1 input, dry contact, NO / NC			
	Output	1 relay output (1A 30V DC / 0.3A 125V AC)			
Network					
Interface		10/100 Ethernet			
Protocol		802.1X authentication (EAP-TLS, EAP-MD5), ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP, ONVIF (Profile G, S, T, M)			
Deep Learning Function					
AI Analytics		<			

Web Interface	
Installation Management	Web-based configuration
Maintenance	Firmware upgrade through Web Browser or Utility
Access from Web Browser	Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Text Overlay, Image Masking
Language	Chinese Traditional, Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish
Software Application	
Software Supported	GV-VMS (V17.4.3 / V18.2.1), GV-DVR / NVR (V8.9.1), GV-Control Center (V3.8.0 / V4.0.1), GV-Recording Server / Video Gateway (V2.0.0), GV-Edge Recording Manager Windows Version (V2.0.0), GV-Redundant / Failover Server (V1.2.0), GV-AI Guard (V1.0.0), GV-Mobile Server (V1.5.1)
Smart Device Access	GV-Eye for iOS and Android
Live Viewing	Browser (Edge, IE mode in Edge, Chrome, Firefox), Mobile App

Note:

1. It is required to apply patch files to some of the supported software.
2. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
3. Specifications are subject to change without notice.

Packing List

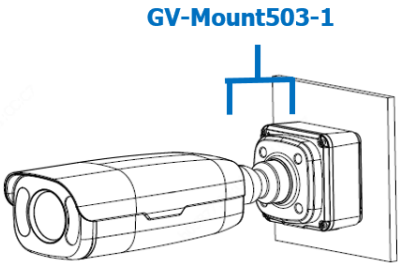
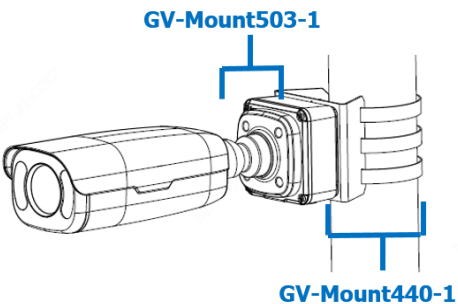
- | | |
|--------------------------|--------------------------|
| 1. GV-BLFC5800 Bullet | 4. Drill Template Paster |
| 2. Waterproof Rubber Set | 5. Download Guide |
| 3. Screw Kit | |

Accessories

Model No.	Name		Details
GV-Mount300-2	Convex Corner Mount		Dimensions: 137 x 233 x 160 mm (5.4" x 9.17" x 6.3") Weight: 1.65 kg (3.64 lb)
GV-Mount310-2	Concave Corner Mount		Dimensions: 111.2 x 369.9 x 210 mm (2.6" x 11.4" x 6.6") Weight: 1.65 kg (3.64 lb)
GV-Mount420 (must be used with GV-Mount503)	Pole Mount Bracket		Dimensions: Ø 120 x 120 x 53.4 mm (Ø 4.7" x 4.7" x 2.1") Weight: 0.45 kg (0.99 lb) Steel Strap Diameter: Ø 67 ~ 127 mm (Ø 2.6" ~ 5")
GV-Mount440-1 (must be used with GV-Mount503 or GV-Mount503-1)	Pole Mount Bracket		Dimensions: 136 x 127 x 63.6 mm (5.4" x 5.0" x 2.5") Weight: 0.34 kg (0.75 lb) Steel Strap Diameter: Ø 67 ~ 127 mm (Ø 2.6" ~ 5")
GV-Mount503	Wall Mount Bracket		Dimensions: 125 x 125 x 55 mm (4.9" x 4.9" x 2.2") Weight: 0.74 kg (1.63 lb)
GV-Mount503-1	Wall Mount Bracket		Dimensions: 124.9 x 127.9 x 57 mm (4.9" x 5.0" x 2.2") Weight: 0.58 kg (1.28 lb)

GV-PA191	PoE Adapter		GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.
GV-PA301	Gigabit PoE Adapter		GV-PA301 is a Gigabit Power over Ethernet (PoE) adapter.
GV-POE Switch	GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports.		
Power Adapter	Contact our sales representatives for the countries and areas supported.		

Mounting Type

Wall Bracket Mount GV-Mount503-1	Pole Mount GV-Mount503-1 + GV-Mount440-1
	
Convex Corner Mount GV-Mount300-2	Concave Corner Mount GV-Mount310-2
	
Convex / Concave Corner Mount GV-Mount503 / 503-1 + GV-Mount300-2 / 310-2	
