



## 2MP IP Bullet Varifocal

**Description :** 2MP Lite IR Fixed-focal Bullet Network Camera  
**Model No :** GA-2-BIP-VF

### Key Features

- Outputs 2MP (1920 × 1080)@25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 30 m
- IP67 protection

- 2MP, 1/2.7" CMOS image sensor, low illuminance, high image definition
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, DWDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Intelligent detection: Intrusion, tripwire
- Abnormality detection: Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection
- Supports max. 256 GB Micro SD card
- 12V DC/POE power supply

## Technical Specifications

### Camera

- Image Sensor 1/2.7" 2Megapixel progressive CMOS
- Max. Resolution 1920 (H) × 1080 (V)
- ROM 128 MB
- RAM 128 MB
- Scanning System Progressive
- Electronic Shutter Speed Auto/Manual 1/3 s-1/100000 s
- Min. Illumination 0.005 Lux @ F1.6
- S/N Ratio >56 dB
- Illumination Distance 30 m (98.43 ft)
- Illuminator On/Off Control Auto/Manual
- Illuminator Number 2 (IR LED)
- Pan/Tilt/Rotation Range Pan: 0°-360°
- Tilt: 0°-78°
- Rotation: 0°-360°

### Smart event

- IVS Tripwire; intrusion

### Video

- Video Compression H.265; H.264; H.264B; MJPEG (only supported by the sub stream)
- Smart Codec Smart H.265+/ Smart H.264+
- Video Frame Rate Main stream:
- 1920 × 1080 (1 fps-25/30 fps)
- Sub stream: 704 × 576 (1 fps-25 fps), 704 × 480 (1 fps-30 fps)
- Stream Capability 2 streams
- Resolution 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
- Bit Rate Control CBR/VBR
- Video Bit Rate H.264: 32 kbps-6144 kbps, H.265: 12 kbps-6144 kbps
- Day/Night Auto(ICR)/Color/B/W, BLC Yes HLC Yes WDR DWDR
- White Balance Auto/natural/street lamp/outdoor/manual/regional custom
- Gain Control Auto/Manual, Noise Reduction 3D NR
- Motion Detection Disable/Enable (4 areas, rectangle)
- Region of Interest (RoI) Yes (4 areas), Smart Illumination Yes
- Image Rotation 0°/90°/180°/270° (Support 90°/270° with 1080p resolution and lower.)
- Mirror Yes, Privacy Masking 4 areas

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