

IP Camera

# VIA-IPC-4MBP-LI2M-G2/SL



**VIA-IPC-4MBP-LI2M-G2/SL** is a 4 MP fixed mini bullet network camera designed for continuous color imaging in low-light environments.

The device integrates a high-sensitivity 1/1.8" CMOS sensor with F1.0 fixed lens option (2.8 mm), enabling reliable performance in night and challenging lighting conditions.

The camera combines dual illumination (IR and white light), built-in audio capabilities with two-way communication, perimeter protection analytics, and active visual/audible deterrence.

The housing is rated IP67 and NEMA 4X, making the unit suitable for outdoor use, including corrosive or coastal environments.

## Key Capabilities

- ✓ 4 MP resolution (2688 × 1520)
- ✓ F1.0 fixed lens (2.8 mm)
- ✓ Continuous color imaging in low light
- ✓ 130 dB WDR
- ✓ H.265 / H.264 video compression
- ✓ Fusion illumination system (IR + white light), up to 40 m
- ✓ The SMART-TC (Smart Target Classification) - Human & vehicle classification
- ✓ Face capture support
- ✓ Built-in dual microphone and speaker (two-way audio)
- ✓ Active strobe light and audible warning
- ✓ IP67 weather protection
- ✓ NEMA 4X anti-corrosion rating
- ✓ microSD support up to 512 GB

VIA Security

 **UKRAINIAN  
BRAND**

# Fusion ILLUMINATION



# SPECIFICATION

## CAMERA

**Image Sensor**

1/1.8" Progressive Scan CMOS

**Max. Resolution**

2688 × 1520

**Min. Illumination**

Color: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with light

**Shutter Time**

1 s to 1/100,000 s

**Day & Night**

IR cut filter

**Angle Adjustment**

Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°

## OPTICAL SYSTEM

**Lens Type**

Fixed focal lens, 2.8 mm

**Focal Length & FOV**

2.8 mm, horizontal FOV 111.1°, vertical FOV 57.6°, diagonal FOV 138.5°

**Lens Mount**

M16

**Iris Type**

Fixed

**Aperture**

F1.0

**Depth of Field**

2.8 mm: 2.5 m to ∞

## ILLUMINATION

**Supplement Light Range**

Up to 40 m

**Supplement Light Type**

White Light, IR

**Smart Supplement Light**

Yes

**IR Wavelength**

850 nm

## VIDEO PROCESSING & ENCODING

**Main Stream**

50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720); 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)

**Sub-Stream**

50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360); 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)

**Third Stream**

50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360); 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360), \*The third stream is supported under certain settings.

**Video Compression**

Main stream: H.265/H.264; Sub-stream: H.265/H.264/MJPEG; Third stream: H.265/H.264, \*Third stream is supported under certain settings

**Video Bit Rate**

32 Kbps to 8 Mbps

**H.264 Type**

Baseline Profile, Main Profile, High Profile

**H.265 Type**

Main Profile

**Bit Rate Control**

CBR, VBR

**Scalable Video Coding (SVC)**

H.264 and H.265 encoding

**Region of Interest (ROI)**

1 fixed region for main stream

## AUDIO CAPABILITIES

**Audio Type**

Mono sound

**Audio Compression**

G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC

**Audio Bit Rate**

64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)

**Audio Sampling Rate**

8 kHz/16 kHz/32 kHz/48 kHz

**Environment Noise Filtering**

Yes

## NETWORK & CYBERSECURITY

**Protocols**

TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets, SRTP, SFTP

**Simultaneous Live View**

Up to 6 channels

**API**

ONVIF (Profile S, Profile G, Profile T), SDK

**Security**

Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.1/1.2/1.3, host authentication (MAC address)

**User/Host**

Up to 32 users, 3 user levels: administrator, operator, and user

**Network Storage**

NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR)

**Web Browser**

Plug-in free live view: Chrome 80+, Firefox 80+, Edge 89+, Local service: Chrome 80+, Firefox 80+, Edge 89+

## IMAGE

**Image Parameters Switch**

Yes

**Image Settings**

Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser

**Day/Night Switch**

Day, Night, Auto, Schedule

**Wide Dynamic Range (WDR)**

130 dB

**SNR**

≥ 52 dB

**Image Enhancement**

BLC, HLC, 3D DNR, Distortion Correction, Defog

**Privacy Mask**

4 programmable polygon privacy masks

**Image Stabilization**

EIS

## INTERFACE

**Ethernet Interface**

1 RJ45 10 M/100 M self-adaptive Ethernet port

**On-Board Storage**

Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB

**Built-in Speaker**

Max. power consumption: 2 W, max. sound pressure level: 10 cm: 110 dB.

**Audio**

Built-in Microphone: Arrayed dual-microphone

**Reset Key**

Yes

## EVENT

**Basic Event**

Motion detection (support alarm triggering by specified target types (human and vehicle), video tampering alarm, exception

**Smart Event**

Scene change detection

**Linkage**

Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, audible warning, strobe light flashing

## DEEP LEARNING FUNCTION

**Face Capture**

Yes

**Perimeter Protection**

Line crossing, intrusion, region entrance, region exiting, Support alarm triggering by specified target types (human and vehicle)

## GENERAL

**Power**

12 VDC ± 25%, 1 A, max. 12 W, Ø 5.5 mm coaxial power plug, reverse polarity protection; PoE: IEEE 802.3at, Class 4, max. 16 W

**Material**

Front cover: Metal, body: Metal, bracket: Metal

**Dimension**

Ø 74.4 mm × 176.3 mm (Ø 2.93" × 6.94")

**Package Dimension**

234 mm × 120 mm × 117 mm (9.2" × 4.7" × 4.6")

**Weight**

Approx. 530 g (1.2 lb.)

**With Package Weight**

Approx. 815 g (1.8 lb.)

**Storage Conditions**

-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)

**Startup and Operating Conditions**

-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)

**Language**

Multi-language interface including English, Ukrainian, Russian and additional international languages.

**Flashing Light**

White Light

**General Function**

Heartbeat, mirror, flash log, password reset via email, pixel counter, anti-banding

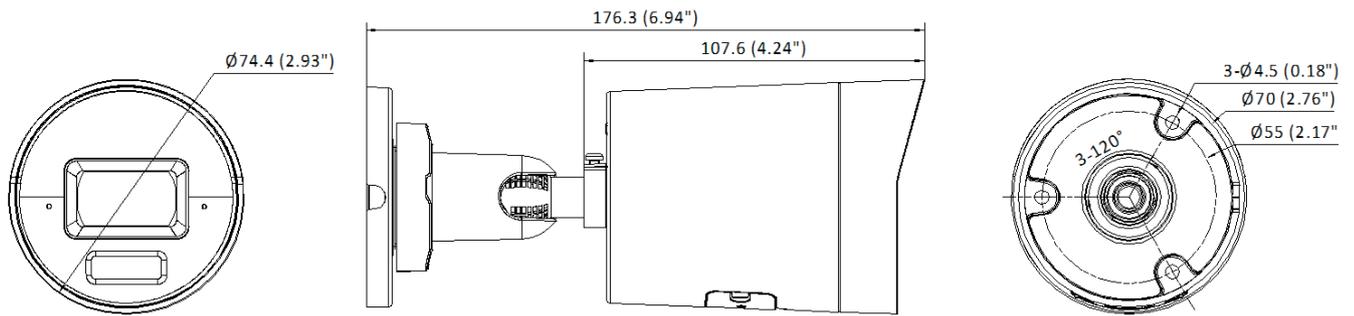
**Protection**

IP67

**Anti-Corrosion Protection**

NEMA 4X

## DIMENSIONS



Unit: mm (inch)

\*Product in box may vary in appearance and specifications.



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