

# 8MP Ultra HD AI Bullet IP PoE Camera IP67 2.8mm Fixed Lens with Dual-Light Night Vision

## 50MM-CB010



**Matchmaster**

*For the Best*

The CB010 is an advanced 8MP Ultra HD AI PoE Bullet Camera delivering crystal-clear surveillance for homes and businesses. Featuring smart AI detection for faces, humans, and vehicles, plus perimeter protection and line crossing alerts. With 20–30m IR and warm light night vision, it actively deters intruders. Its IP67 weatherproof housing, ONVIF compatibility, and easy remote access make it a reliable, professional-grade security solution.

### Features and Benefits

- » 24/7 Colour & Night Vision from dual IR and warm light LEDs providing 20–30m coverage, capturing detail-rich images day or night in full colour.
- » Built-in microphone enhances situational awareness. Supporting AAC Audio codec.
- » Supports face detection, human and vehicle detection, line crossing, area entry/leaving detection, and area intrusion detection
- » 1/2.7" CMOS sensor with 8MP resolution at 20fps delivers sharp, detailed video for precise monitoring and evidence capture.
- » Rugged and weatherproof design with IP67 rated waterproof and dustproof housing, ensuring reliable operation in harsh outdoor environments.
- » Supports PoE power supply plus local 12V DC injection for simplified installation (< 8W power consumption)



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<b>Camera</b>	
<b>Image Sensor</b>	1/2.7" 8MP GC8613 CMOS
<b>SoC Chip</b>	Sigmastar SSC378DE
<b>Effective Pixels</b>	3840(H) × 2160(V)
<b>Exposure Shutter</b>	AUTO/Manual: 1/10s ~ 1/8000s, Max shutter speed adjustable
<b>Day/Night</b>	Auto (Active/Passive/Schedule) / Day/Night, switch threshold, sensitivity, anti-flicker (Auto/50Hz/60Hz)
<b>Image Adjust</b>	Brightness, Saturation, Sharpness, Contrast, Denoise (0-100%) adjustable
<b>White Balance</b>	AWB/MWB
<b>WDR</b>	D-WDR
<b>Light Mode</b>	Smart (dual-light) / Infrared / White Light, adjustable
<b>Light Control</b>	Auto/Manual, Brightness level (0-100%) adjustable
<b>DNR</b>	2D/3D DNR
<b>Encode</b>	
<b>Video Standard</b>	H.264/H.265
<b>Video Resolution</b>	Main Stream: 20fps@8MP (3840×2160), 30fps@6MP (3072×2048), 30fps@5MP (2592×1944), 30fps@4MP (2560×1440), 30fps@3MP (2304×1296), 1080P, 720P  Sub Stream: 10fps@720P, 30fps@D1 (704×576) (default), 30fps@(720×480), VGA (640×480), QVGA (640×360)
<b>Video Bitrates</b>	Main Stream: 64kbps - 8Mbps Sub Stream: 64kbps - 2048kbps VBR/CBR, Quality (1-9), GOP (1-128)
<b>Image Snapshot</b>	Sub Stream (SD) snapshot
<b>Image Rotation</b>	0 / 90 / 180 / 270 degree adjustable
<b>Border Crop</b>	X crop, Y crop
<b>Image Mirror</b>	Horizontal / Vertical / Horizontal & Vertical adjustable
<b>OSD Overlay</b>	Font size (1-4), Position, Time, Title, AM/PM, Color, User OSD, Alarm OSD
<b>Privacy Mask</b>	4 areas
<b>Region of Interest</b>	ROI: Each stream supports 8 areas
<b>Audio Standard</b>	G.711-u / G.711-a / AAC / PCM, AEC
<b>Built-in Mic</b>	Yes

<b>Led</b>	
<b>Light</b>	2pcs IR & Warm Dual Lights
<b>Light Distance</b>	20-30M
<b>Lens</b>	
<b>Focal Length</b>	F1.6 2.8mm Fixed Lens
<b>Language</b>	English, Japanese, Korean, German, Polish, Italian, Turkish, Ukraine, Russian, etc.
<b>Smart Detection</b>	
<b>Motion Detection</b>	Yes
<b>Digital I/O Alarm</b>	1 pair Alarm-in/Alarm-out, normally open/normally close (optional)
<b>Human Vehicle Detection</b>	Yes (2-20 meters)
<b>Cross Line Detection</b>	Yes, 4 lines
<b>Perimeter Protection</b>	Yes, 4 areas
<b>Face Detection</b>	Yes (1-5 meters)
<b>Target Detection Type</b>	Human Shape, Vehicle, Non-motor Vehicle, Pet, Face (12px-1000px)
<b>Trigger Action Linkage</b>	Snapshot, Record, Relay (optional), White LED Flash, Email, FTP, NAS Storage (NFS)
<b>Simultaneous Detection</b>	Maximum 16 targets simultaneous detection
<b>Storage Type</b>	Schedule/Trigger: Email, FTP, NAS (NFS)
<b>Storage Type</b>	Schedule/Trigger: Email, FTP, NAS
<b>Network Services</b>	
<b>Protocol</b>	HTTP(s), RTSP, FTP, SMTP, DHCP, NTP, DST, RTP, RTMP, P2P, Hik, IPv4, IPv6, NFS, DDNS
<b>IP Address Filtering</b>	Yes (Allow list, Deny list)
<b>P2P Mobile App</b>	Android, iOS
<b>Web Access</b>	IE, Firefox, Chrome, Edge, Safari, etc. (Windows/Linux/Mac/Chromebook/Tablet/Mobile phone)
<b>PC Tool</b>	Windows, Mac
<b>ONVIF</b>	23.12 compatible (Profile S, G, T, M)
<b>General</b>	
<b>Network Port</b>	1 × RJ45, 100Mbps, PoE (IEEE 802.3af)
<b>Power Supply</b>	12 VDC ±10%
<b>Power Consumption</b>	< 8 W
<b>Operating Temperature</b>	-20°C ~ +60°C, 10%-90% RH