

# 6MP AI Bullet IP PoE Camera IP67 2.8mm Fixed Lens with Dual-Light Night Vision **50MM-CB009**



The CB009 is an advanced 6MP 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 and night vision from dual IR and warm-light LEDs, providing 20–30m coverage and 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
- » 1/3" CMOS sensor with 6MP resolution at 25fps 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>	1/3" GC4653 CMOS
<b>Soc Chip</b>	Sigmastar SSC377D
<b>Effective Pixels</b>	3072(H)x2048 (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
<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) / Pure Infrared / Pure 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: 25fps@6MP(3072x2048),30fps@5MP(2592x1944)/4MP(2560x1440)/3MP(2304x1296)/1080P/720P
	Sub stream: 10fps@720P,30fps@D1(704x576)/(720x480)/VGA(640x480)/QVGA(640x360)
<b>Video Bitrates</b>	Main stream: 64kbps-8Mbps Sub stream: 64kbps-2048kbps VBR/CBR, quality(1-9), GOP(1-128)
<b>Image Rotation</b>	0 / 90 / 180 / 270 degree adjustable
<b>Border Crop</b>	X crop, Y crop
<b>Image Mirror</b>	horizon / vertical / horizon&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 support 8 areas
<b>Audio Standard</b>	G.711-u/G.711-a/AAC
<b>Built-in Mic.</b>	Yes
<b>Built-in Mic</b>	Yes
<b>Led</b>	
<b>Light</b>	2PCS Dual Light (Warm light & IR LEDs)
<b>Light Distance</b>	20-30M
<b>Lens</b>	
<b>Focal length</b>	2.8mm F1.6 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>Motion Detection</b>	Yes
<b>Digital IO Alarm</b>	1 pair Alarm-in/Alarm-out, normally open/normally close
<b>Human &amp; 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 (12-1000 pixel)
<b>Trigger Action Linkage</b>	Snapshot, Record, Relay, White LED Flash, Email, FTP, NAS storage (optional)
<b>Simultaneous Detection</b>	Maximum 16 targets simultaneous detection
<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
<b>P2P Mobile App</b>	Android, IOS
<b>Web Access</b>	IE, Firefox, Chrome, Edge, Safari, etc.
<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 optional
<b>Power Supply</b>	12 VDC ± 10%
<b>Power Consumption</b>	< 8 W
<b>Operating Temp.</b>	-20°C-(+60)°C, 10%-90%RH