

80BQ802LMA2-P

8MP 5X Optical Zoom Smart AI Auto-Focus POE Network Metal Bullet Camera

NEW
RELEASE
2026



Model Number	80BQ802LMA2-P
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.005Lux @F1.2, B/W: 0Lux with IR on
Shutter Time	Auto(1/5 - 1/100000)
Lens	
Lens Type	Motorized 2.8-12mm Lens - Auto Iris
Optical Zoom	5X
Illuminator	
Light Distance	Warm Light 60m,IR Light 80m
IR LEDs	6pcs Hybrid Light core
Day & Night Mode	Dual Light Mode: B/W night vision, when alarm triggered hybrid light is on, and then full color vision
	Infrared Mode: B/W
	Full Color: the LEDs will auto-adjust its brightness according to the varying degrees of light brightness - Auto (ICR)
Video	
Max. Image Resolution	8MP(3840*2160)@25fps
Video Compression	H.265+

Frame Rate	Main Stream: 8MP(3840*2160)@25fp ,5MP(2592*1904@25fps),4MP(2560*1440@25fps),3MP(2304*1296@25fps),2MP(1920*1080@25fps) NTSC: 8MP(3840*2160)@25fp ,5MP(2592*1904@30fps),4MP(2560*1440@30fps),3MP(2304*1296@30fps),2MP(1920*1080@30fps) Sub Stream: 1280×720 @25fps Sub Stream2: D1, VGA, CIF @25fps
Image Settings	Brightness,contrast,saturation,exposure,upside down,mirror adjustable
White Balance	Auto / Manual
Gain Control	Low/Mid-Low/Mid/Mid-High/High
BLC	Yes
HLC	Yes
WDR	True WDR (120dB),3DNR
Signal to Noise Ratio	50dB
Defog	Yes
Mirror	Off/horizontal mirror/vertical mirror/180° flip
Character Overlay (OSD)	Title, time and date overlay, multi-line, and color of characters optional
Audio	
Audio Input	Support, built-in microphones
Audio Output	Support, built-in speaker
Voice Broadcast Alarm	Built-in 8 different broadcast options
Audio Compression	G.711A/U 8k 64bit
Network	
Network Interface	1*RJ45 10M/100M Self-adaptation Ethernet Port
Networking Protocol	IPv4,TCP/IP,UDP,HTTP,HTTPS,DHCP,PPPOE,RTSP,RTMP,IGMP,SMTP,NTP,UPNP,FTP
Connection Protocol	ONVIF (Profile S/T/G/M)
APP(P2P)	Support
PC	Support
Web Access	Support HTML5 remote login operation(Free plug-in)
Preview Simultaneously Video Number	10
Device Abnormal Inspection	Support network broken alarm, IP conflict alarm, illegal visiting alarm
Security Mode	Authorized user name and password,HTTPS encryption,AES connecting encryption, RTSP verification
Event	

Alarm	Motion Detection Alarm, AI Humanoid Detection and Tracking Alarm
Linkage	Upload to FTP, Upload Picture, send email, trigger recording, trigger capture, Arming time support 24h arming/ night arming /customized arming
Basic Event	
Motion Detection	Set detection area, can set multi-level sensitivity
Occlusion Alarm	Support 1 area
Privacy Mask	Support 4 areas
Smart Event	
Human Detection	It can detect target $\leq 5-10$ persons at the same time
	Humanoid pixel $\geq 40 \times 40$
	Detection Ratio $\geq 99\%$ (meet above requirement)
	Capture Corresponding Speed $\leq 1s$
	Support specified area detection, default full screen
	Error detection rate 2% or less, Maximum detection frame rate is 5fps /s
	Single line crossing, Double line crossing- Tripwire, Intrusion, Camera Scene Change
Interface	
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio	built-in microphones
On-Board Storage	Support, Max 512GB
Alarm	Yes
RS-485	No
Reset	No
General	
POE	IEEE802.3af
Power Supply	DC12V $\pm 10\%$ /POE
Power Consumption	Max 6W
Lightning Protection	6KV
Housing	Metal bullet
Weather Proof	IP67, IK10
Working Temperature	-30 °C to 55 °C
Working Humidity	10%-95% (Non-condensing)
Structure Picture	

