

80DQ802LMA2-P

8MP 4X Optical Zoom Smart AI Hybrid Light POE Network Metal Dome Camera

NEW
RELEASE
2026



Model Number	80DQ802LMA2-P
Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.001Lux @F1.2, B/W: 0Lux with IR on
Shutter Time	Auto(1/5 - 1/100000)
Lens	
Lens Type	2.8mm-12mm Motorized Lens - Auto Iris
Optical Zoom	4X Optical Zoom
Illuminator	
Light Distance	Warm Light 30m,IR Light 40m
IR LEDs	4pcs 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: 3840×2160 @25fp
	Sub Stream: 1280×720 @25fps
	Sub Stream 2: D1, VGA, CIF @25fp
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	3DNR True WDR (120dB)
Signal to Noise	50 dB
Defog	Yes
Mirror	Off/horizontal mirror/vertical mirror/180° flip
Bit Superposition	Support OSD name,time and date information superposition
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 ONVIF (Profile S/T/G/M)
APP(P2P)	Support
PC	Support
Web Access	Support HTML5 remote login operation(Free plug-in)
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	22*18 windows motion detection areas can be setting (sensitivity setting 1-6)
Occlusion Alarm	Support 1 area
Privacy Mask	4 windows can be built to mask your private area
Smart Event	
Human Detection	It can detect target ≤5-10 persons at the same time
	Humanoid pixel ≥40X40

	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
On-Board Storage	NO
Alarm	YES
RS-485	NO
Reset	NO
General	
Security Mode	Authorized user name and password,HTTPS encryption,AES connecting encryption, RTSP verification
POE	IEEE802.3af
Power Supply	DC12V±10% /POE
Power Consumption	Max 6W
Lightning Protection	6KV
Housing	Metal dome
Weather Proof	IP66, IK10
Working Temperature	-30 °C to 55 °C
Working Humidity	0%-90% (Non-condensing)

