

XP-8LPR-MZB-550

Specification Sheet

8MP Motorized Zoom IP Bullet Camera w/LPR w/5-50mm MZ Lens



- 1/2.8" 8.0 Megapixel, Progressive Scan, CMOS Sensor
- 8MP (3840 x 2160) @30FPS Encoding
- H.265/H.264 Video Compression
- Advanced AI (Person/Vehicle, Perimeter, Line Crossing, Cross Counting, Stationary Object, Heat Map, Crowd Density, Queue Length, Rare Sound, License Plate Recognition, Facial Recognition)
- True 120db Wide Dynamic Range
- Audio (RCA input/output)
- Alarm (1 input / 1 output)
- 5-50mm Motorized Zoom Lens
- Triple-Stream Recording
- FTP Network Storage
- DDNS
- Micro SD Slot (up to 256GB)
- ONVIF Compatible
- DC12V/PoE Power
- IP67 Waterproof Rating
- NDAA and FCC Compliant

Technical Specifications

Camera	
Imaging Device	1/2.8", 8.0 Megapixel, Progressive Scan, CMOS
Effective Pixels	8MP 3840(H)x2160(V)
Min. Illumination	Color 0.009Lux @F1.6(AGC ON); B/W 0 lux @ IR ON
Lens Type/Focal Length	Motorized 5-50mm
Max Aperture Ratio	F2.0
Angular Field of View	Horizontal: 49-7°, Vertical: 27-4°, Diagonal: 57-8°
Min. Object Distance	0.2m
IR LED	4
Warm Light	n/a
Red/Blue Light	n/a
IR Distance	80m
Warm Light Distance	n/a
Wide Dynamic Range	True WDR
Image Setting	Day&Night / Schedule

White Balance	Auto/Manual
BLC/HLC	Yes
Electronic Shutter Speed	1/5 ~ 1/20000s
Digital Noise Reduction	3D DNR

Image	
Video Compression	H.265+/H.264+/H.265/H.264
Audio Compression	G.711a
Resolution	"Mainstream: 8MP (3840x2160) @30fps Substream: 1080P (1920x1080) @30fps Mobilstream: VGA (640x480) @30fps"
Video Quality Adjustment	256Kbps - 16Mbps
Bitrate Control	CBR/VBR

Interfaces	
Network	RJ45 (10/100 Base-T)
Audio	1 Input (RCA), 1 Output (RCA)
Local Storage	Micro SD, up to 256GB
Network Storage	FTP
Reset Button	Yes
Alarm	1 Input, 1 output

AI/AD	
Smart Motion Detection	Pedestrian, Vehicle, Perimeter Intrusion, Line Crossing
License Plate Recognition	Yes
Facial Recognition	Yes
Additional AI	Face Recognition, Pedestrian & Vehicle, Line Crossing, Perimeter Intrusion, Heat Map, Rare Sound, License Plate, INtrusion, Region Entrance, Region Exiting, Object Detection

Functions	
Remote Monitoring	Web Browser, Client VMS, Mobile App
Mobile App	XMV
Network Protocol	IPv4, IPv6, TCP, UDP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, HTTPS, FTP, CIFS, SMB, UPnP, SNMP,
Interface Protocol	ONVIF (Profile S/G/T)
ANR	Yes
Security	IP Address Filter, Complex Password, Authenticated User
Regions of Interest (ROI)	Yes
Corridor Mode	Supported

General	
Power Supply	DC12V/POE
Power Consumption	Max 12.1W, PoE Max 13.6W
PoE	Yes, 802.3af
Ingress Protection	IP67
Dimensions (mm)	301 x 97mm
Working Environment	Temperature: -35°C ~ +60° (-31°F ~ 140°F) Hu-midity: Less than 95% RH
Weight	3.1lbs
Material	Metal
NDAA and FCC-Compliant	Yes

