

8MP Motorized Zoom IP Turret Camera w/AI



- 1/2.7" 8.0 Megapixel, Progressive Scan, CMOS Sensor
- 8MP (3840 x 2160) @20FPS 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, Facial Recognition*)
- IR Range 45m
- 2.8-12mm Motorized Zoom Lens
- Triple-Stream Recording
- Google Drive/Drop Cloud Support
- NAS and 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	1/2.7", 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 2.8-12mm
Max Aperture Ratio	F1.6
Angular Field of View	Horizontal: 107-34°, Vertical: 55-19°, Diagonal: 134-38°
Min. Object Distance	1m
IR LED	1
Warm Light	n/a
Red/Blue Light	n/a
IR Distance	45m
Warm Light Distance	n/a
Wide Dynamic Range	DWDR
Image Setting	IR Cut Filter 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) @20fps Substream: 720P (1280x720) @20fps Mobilestream: VGA (640x480) @20fps"
Video Quality Adjustment	256Kbps - 16Mbps
Bitrate Control	CBR/VBR

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

AI/AD	
Smart Motion Detection	Pedestrian, Vehicle, Perimeter Intrusion, Line Crossing
License Plate Recognition	No
Facial Recognition	Yes (Requires NVR support)
Additional AI	Cross Counting, Stationary Object Detection, Heat Map, Crowd Density, Queue Depth, Rare Sound Detection
Active Deterrence	n/a

Functions	
Remote Monitoring	Web Browser, Client VMS, Mobile App
Mobile App	XVM
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 7.1, PoE Max 8.8W
PoE	Yes, 802.3af
Ingress Protection	IP67
Dimensions (mm)	136 x 127mm
Working Environment	Temperature: -35°C~ +60° (-31°F ~ 140°F) Humidity: Less than 95% RH
Weight	845g
Material	Metal
NDAA and FCC-Compliant	Yes

