

MODEL #

XPTZ37XIP8MP-AI-N



X SERIES PTZ CAMERA

ONVIF | GMS | NDA Certified | N



8MP
RESOLUTION



8MP
Resolution

5.5-202MM
Motorized PTZ Lens



IR Up to 200M

See In Color At Night



Two-Way
Communication

Deterrence
Lights & Siren



Alarm/Audio
In/Out

Microphone
& Speaker



34 × OPTICAL, 16
× DIGITAL Optical

Auto-Tracking



360° Panoramic
View

Impact
Resistant



IP67 Waterproof
& Dustproof

Micro SD Card
Slot up to 1TB

Introducing our new X SERIES security camera, the **XPTZ37XIP8MP-AI-N**. With an impressive 8MP resolution and a versatile 5.5-202mm lens, this IP camera delivers crystal-clear footage with enhanced detail. With a powerful 37x optical zoom and 16x digital zoom, it ensures optimal coverage even over long distances. Equipped with IR technology extending up to 200m, integrated microphone and speaker, as well as audio/alarm in/out functionalities, it offers comprehensive monitoring solutions. Experience exceptional night vision in vivid color and robust durability with IK10 impact resistance and IP67 waterproof rating. Invest in peace of mind with the X SERIES security camera for uncompromising security surveillance.

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CAMERA

Sensor	1/1.8" Progressive Scan CMOS
Max Resolution	3840×2160
Min Illumination	Color 0.0005 lux @ F1.6 (AGC on); B/W 0 lux (light on)
Shutter Speed	1/5 – 1/20000 s
Slow Shutter	Yes
Day Night Mode	IR cut filter
Optical Zoom	34 × optical, 16 × digital

LENS

Focal Length (mm)	5.5–202 mm
Field of View	H 60–2.31° / V 35.5–1.3° / D 67.5–2.65°
Aperture	F1.6
Focus Mode	Auto/Semi-auto/Manual
Supplement Light Range	25 m
Supplement Light Type	IR + white light

PTZ

Pan Range	360°
Tilt Range	-20° to 90° (auto flip)
Pan Speed	200°/s
Tilt Speed	0.6–90°/s (preset 100°/s)
Proportional Pan	Yes
Presets	255
Patrol Scan	4 patrols, up to 32 presets for each patrol
Pattern Scan	4 patterns
Power Off Memory	Yes
Park Action	Preset, pattern scan, auto scan, patrol scan
Positioning 3 D	Yes
PTZ Status Display	Yes
Scheduled Tasks	Preset, pattern scan, patrol scan, auto scan

VIDEO

Resolution	Main Stream 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2592 × 1944, 2592 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2592 × 1944, 2592 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 960, 1280 × 720); Sub Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720, 640 × 480, 320 × 240); 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 640 × 480, 320 × 240); Mobile Stream 25 fps (640 × 480, 320 × 240); 60 Hz
Third-Stream	50 Hz: 25 fps (640 × 480, 320 × 240); 60 Hz: 30 fps (640 × 480, 320 × 240);
Compression	H.265+/H.265/H.264+/H.264 (sub-stream)
Bitrate Range	16 Kbps – 16384 Kbps
H.264 Profile	Baseline Profile/Main Profile/High Profile
H.265 Profile	Main Profile
Roi	8 fixed regions for each stream
Audio Codecs	G.711alaw, G.711ulaw
Audio Bitrate	64 Kbps (G.711)
Audio Sampling Rate	8 kHz
Noise Filtering	Yes

NETWORK

Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
Protocols	IPv4/IPv6, HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, DHCP, PPPoE, RTMP
ONVIF Profile	Profile G/M/S/T
Simultaneous Viewing	Up to 20 channels
Max Users	Admin/Operator/User levels
Security	Password protection, complicated password, HTTPS encryption, IP address filter, control timeout settings
Client Software	Station X / OV Connect / Smart Guardian
Web Viewer	IE 10/11, Chrome 57+, Firefox 52+, Safari 12.1+, Edge 79+

IMAGE

Image Settings	BLC, HLC, 3D DNR
Wide Dynamic Range (WDR)	WDR 120 dB
Defog	Digital
Image Stabilization	DIS
Privacy Masking	Off/On (8 Zones)
Sn Ratio	> 52 dB

INTERFACE

Ethernet	1× RJ45 (10/100BASE-T)
Onboard Storage	Micro SD, up to 1TB
Alarm I/O	1 in / 1 out
Audio Type	1 in / 1 out, built-in microphone & speaker
Hardware Reset	Yes
Microphone	Yes
Speaker	Yes

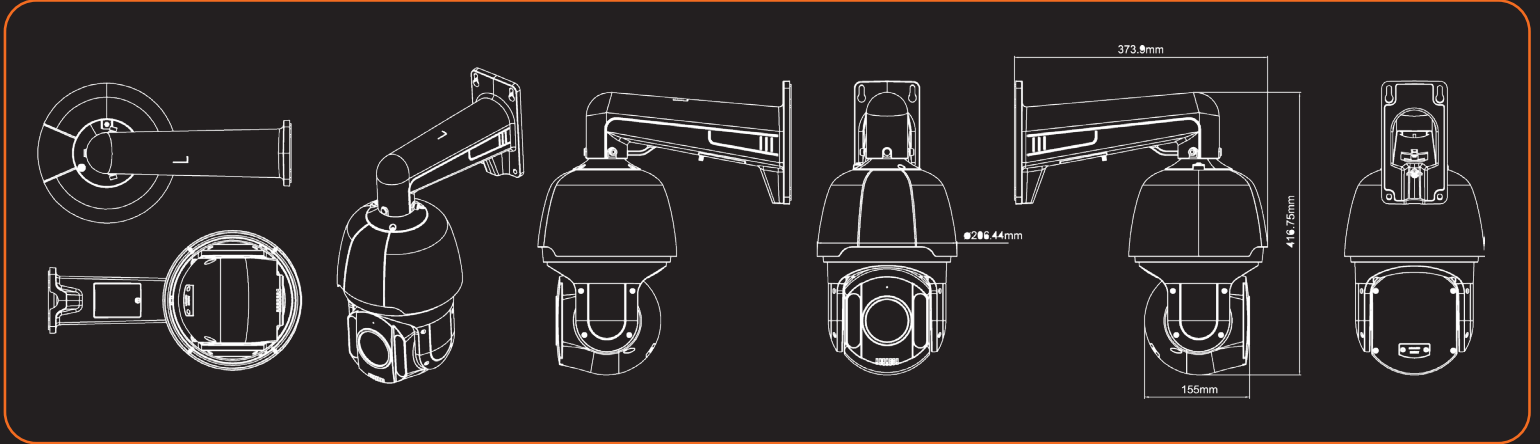
GENERAL

Input Voltage	36VDC / PoE++ (IEEE 802.3bt)
Operating Temp / Humidity	-30°C to +65°C / ≤ 90% RH (non-condensing)
Material	Metal
Dimensions	Ø206.4×337.3 mm
Weight	6335 g
IP Rating	IP67

EVENT

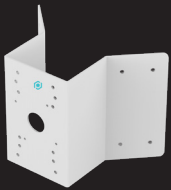
Events	Motion detection, video tampering alarm, alarm input and output
Ai Features	Face Recognition (FR), Pedestrian & Vehicle Detection (PD&VD), Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Stationary Object Detection (SOD), Cross Counting (CC), Heat Map (HM), Crowd Density Detection (CD), Queue Length Detection (QD), License Plate Detection (LPD)
Smart Tracking	Yes
Alarm Actions	Upload to FTP, send email, trigger alarm output, trigger recording

DIMENSIONS



COMPATIBLE ACCESSORIES

CORNER MOUNT SOLUTION



 **COMB6**
CORNER MOUNT BRACKET

POLE MOUNT SOLUTION



 **PMB6**
POLE MOUNT BRACKET

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