

MODEL #

PTZ25XIP8MP-AI-N

CTAVUE®



PTZ NETWORK CAMERA

Onvif® | GMS1



8MP
RESOLUTION



8MP
Resolution

5-125MM
Motorized Lens



IR Up
to 100M



Alarm/Audio
In/Out



25X
Optical Zoom



360°
PAN



IP66 Dustproof &
Water-resistant



Micro SD Card
Slot up to 1TB

Experience high-performance surveillance with the **PTZ25XIP8MP-AI-N**. Featuring 4K Ultra HD resolution, a powerful 25x optical zoom lens, intelligent auto tracking, smart detection, perimeter protection, and up to 100 meters of IR illumination, this PTZ camera delivers exceptional image quality and reliable long-range monitoring for demanding security applications.



CAMERA

Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	3840×2160 (4K)
Scanning System	Progressive CMOS
Min. Illumination	Color: 0.007 Lux @ (F1.6, AGC ON) B/W: 0 Lux with IR
Shutter Speed	1/5 s to 1/20000 s
Slow Shutter	Yes
Day & Night	IR cut filter
Zoom	25x Optical

LENS

Focal Length (Zoom Ratio)	5–125mm
Max. Aperture Ratio	Max. F1.6
Angular Field of View	Horizontal : 59.9°–8.9° Vertical : 34.4°–4.8° Diagonal : 67.1°–5.1°
Focus	Auto/Manual
Supplement Light Range	Up to 100m
Supplement Light Type	IR

PTZ

Movement Range (PAN)	360°
Movement Range (TILT)	-10° à 90° (auto flip)
Pan Speed	Configurable: 0.6°–80°/s Preset: 120°/s
Tilt Speed	Configurable: 0.6°–80°/s Preset: 100°/s
Presets	255
Patrol Scan	1 scan
Pattern Scan	4 pattern
3D Positionning	Yes

VIDEO

Main Stream	50Hz: 25fps (3840×2160, 3072×1728, 2592×1944, 2592×1520, 2304×1296, 1920×1080, 1280×960, 1280×720) 60Hz: 30fps (3840×2160, 3072×1728, 2592×1944, 2592×1520, 2304×1296, 1920×1080, 1280×960, 1280×720)
Sub-Stream	50Hz: 25fps (1280×720, 640×480, 320×240) 60Hz: 30fps (1280×720, 640×480, 320×240)
Third-Stream	50Hz: 25fps (640×480, 320×240) 60Hz: 30fps (640×480, 320×240)
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264 Sub Stream: H.265+/H.265/H.264+/H.264/MJPEG Third Stream: H.265+/H.265/H.264+/H.264
Video Bit Rate	16 kbps – 16384 kbps
H.264 Type	Baseline Profile / Main Profile / High Profile
H.265 Type	Main Profile
Audio Compression	G.711a / G.711u

IMAGE

Day/Night Switch	Day / Night / Auto / Schedule
Image Enhancement	BLC, HLC, 3D DNR
Wide Dynamic Range	120 dB
Image Settings	Saturation, Brightness, Contrast, Sharpness, Hue and White Balance adjustable by client software or web browser
Privacy Mask	4 Privacy Masks

INTERFACE

Ethernet	1 RJ45 10M/100M Self-adaptive Ethernet Port
On-Board Storage	Built-in MicroSD/SDHC/SDXC Slot, Up to 1TB
Alarm	1 inputs, 1 output
Audio	1 inputs, 1 output
Hardware Reset	Yes

NETWORK

Protocols	IPv4/IPv6, HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, TCP/IP, UDP, DHCP, PPPoE
App Programming Interface	ONVIF (Profile S, Profile G, Profile T), HTTP API
Simultaneous	Live View Up to 14 Channels
User/Host	15 Users
Security	Password Protection, Complicated Password, HTTPS Encryption, IP Address Filter, Control Timeout Settings
Client	VMS
Compatible Web Browsers	IE10/11 Safari V12.1+ Firefox V52+ Google Chrome V57+ Edge V79+

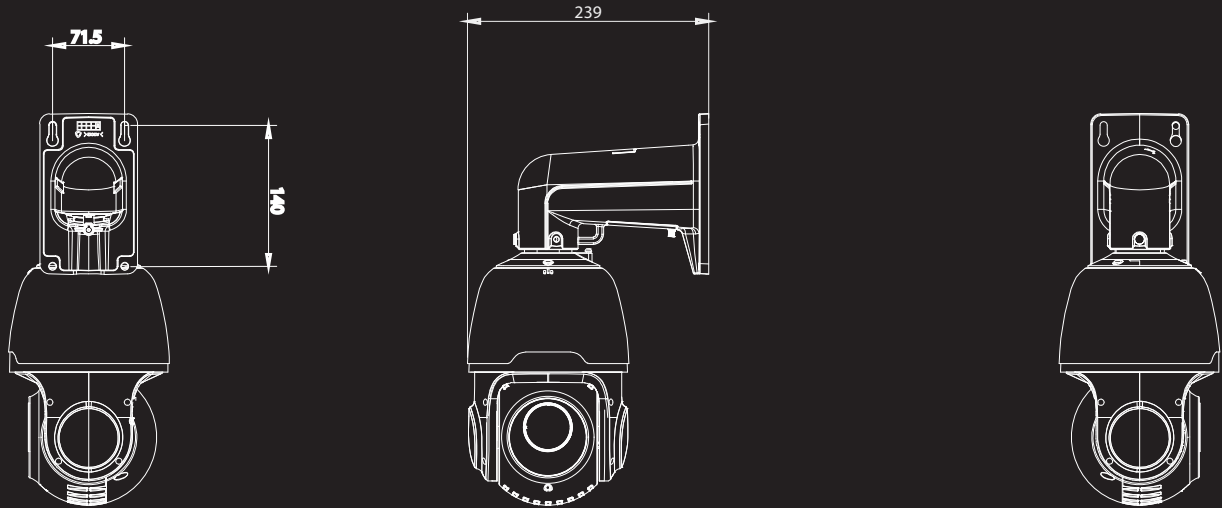
EVENT

Basic Event	Motion Detection, Alarm Input and Output
Smart Features	Face Recognition Human & Vehicle Detection Perimeter Intrusion Detection Line Crossing Detection Stationary Object Detection Crossing Counting Heat Map Crowd Density Detection Queue Length Detection License Plate Detection Rare Sound Detection Intrusion Detection Region Entrance Detection Region Exit Detection
Smart Tracking	Auto-tracking
Alarm Linkage	Upload to FTP, Send Email, Trigger Alarm Output, Trigger Recording

GENERAL

Operating Condition	-30°C to 60°C (-22°F to 140°F) Humidity ≤90% (Non-condensing)
Ingress protection	IP66
Input Voltage/ Current	DC12V / PoE+, Max. 25.2W
Material	Metal
Dimensions	Ø160 × 270 mm
Weight	Approx. 2.52 kg

DIMENSIONS



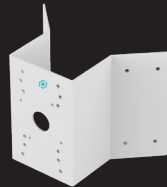
COMPATIBLE ACCESSORIES

WALL MOUNT SOLUTION



 **WMB6**
WALLMOUNT BRACKET

CORNER MOUNT SOLUTION



 **COMB6**
CORNER MOUNT BRACKET

POLE MOUNT SOLUTION



 **PMB6**
POLE MOUNT BRACKET

CEILING MOUNT SOLUTION



 **CMB6**
CEILING MOUNT

DOWNLOAD THE OV CONNECT APP

