

MODEL #

PTZD4XIP4MP-AI



PTZ NETWORK CAMERA

Onvif® | GST | NDAA Compliant | AI



The **PTZD4XIP4MP-AI** camera stands out for its exceptional 4MP 2K image quality, thanks to its motorized lens and 4X optical zoom of 2.8-12mm. Advanced features, such as a speaker, siren, and microphone, enable users to establish effective communication and issue alerts through the integrated siren. Furthermore, the camera's ability to capture color images at night ensures clear visibility, even in total darkness. In summary, the PTZ camera positions itself as a powerful and versatile surveillance tool, offering remarkable image quality, bidirectional communication options, and enhanced night visibility, meeting the diverse requirements of security applications.

4MP
RESOLUTION



4MP
Resolution

2.8-12MM
Motorized Lens



IR Up to 20M



TotalView



Two-Way
Communication



Microphone &
Speaker



Siren



4X Optical Zoom



350° Long Range



IK10 Impact
Resistant



IP66 Dustproof
& Water-Resistant



Micro SD Card
Slot up to 1TB



CAMERA

Image Sensor	1/1.8"
Max. Resolution	4MP 2560(H)x1440(V)
Scanning System	Progressive CMOS
Min. Illumination	Color: 0.001 Lux @ (F1.3, 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 with auto switch (Color/Day/ Night/Auto/Image/Schedule)
Zoom	4x optical

LENS

Focal Length (Zoom Ratio)	2.8 - 12 mm
Max. Aperture Ratio	Max. F1.3
Angular Field of View	Horizontal : 114.6° to 48.3° (wide-tele) Vertical : 59° to 27.1° (wide-tele) Diagonal : 141,6° to 55.5° (wide-tele)
Focus	Auto/Manual
Supplement Light Range	IR/warm light distance: up to 20 m
Supplement Light Type	IR & warm light

PTZ

Movement Range (PAN)	350°
Movement Range (TILT)	0° to 80°
Pan Speed	Pan speed: configurable from 0.6° to 54°/s
Tilt Speed	Tilt speed: configurable from 0.6° to 52°/s

NETWORK

Protocols	IPv4/IPv6, HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, TCP/IP, UDP, DHCP, PPPoE
App Programming Interface	ONVIF(Profil S/G/T), HTTP API
Simultaneous	Live View Up to 15 channels
User/Host	5 Users
Security	Password protection, complex password, HTTPS encryption, IP address filter, timeout control settings.
Client	VMS
Compatible Web Browsers	IE10/11, Chrome V.57/above, Firefox V.52/ above Safari V.12.1/above, Edge V.79/above

IMAGE

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	Off/On (4 zones)

INTERFACE

Ethernet	1 RJ45 10M/100M self-adaptive Ethernet port
On-Board Storage	Micro SD card slot SD/SDHC/SDXC, up to 1TB
Alarm	N/A
Audio	Built-in microphone and speaker
Hardware Reset	Yes

VIDEO

Main Stream	50Hz: 50fps (2560x1440/2304x1296/ 1920x1080/1280x720) 60Hz: 60fps (2560x1440/2304x1296/ 1920x1080/1280x720)
Sub-Stream	50Hz: 50fps (1280x720/640x480/320x240) 60Hz: 60fps (1280x720/640x480/320x240)
Third-Stream	50Hz: 50fps (340x480/320x240) 60Hz: 60fps (340x480/320x240)
Video Compression	Mainstream: H.265+/H.265/H.264+/H.264 Substream: H.265+/H.265/H.264+/H.264/ MJPEG Third Stream: H.265+/H.265/H.264+/H.264
Video Bit Rate	8 kbps to 8192 kbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Region Of Interest (ROI)	N/A
Audio Compression	G.711a/G.711u

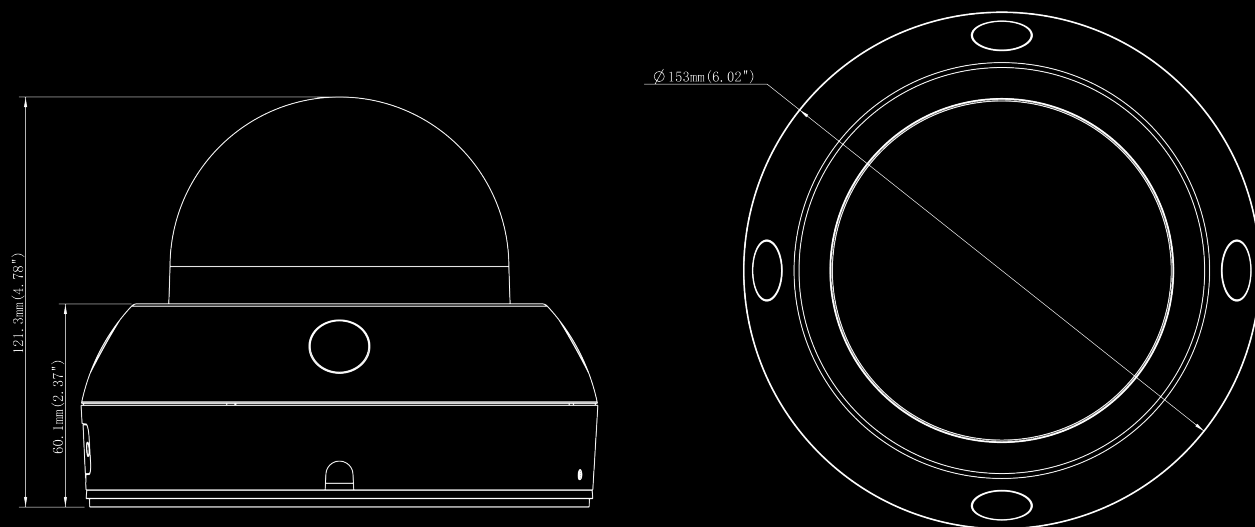
EVENT

Basic Event	Motion detection
Smart Features	Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Stationary Object Detection (SOD), Human&Vehicle Detection (PD&VD), Face Detection (FD), Cross Counting (CC), Crowd Density Detection (CD), Queue Length Detection (QD), Heat Map (HM)
Smart Tracking	N/A

GENERAL

Operating Condition	-30~+60°C/ less then ≤ 90% RH
Ingress protection	IP66
Protection Rating	IK10
Input Voltage/ Current	DC 12V/POE - MAX 13W
Color/Material	White/Metal
Dimensions	Ø 166.75 mm × 238 mm
Weight	appro. 920g

DIMENSIONS



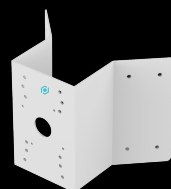
COMPATIBLE ACCESSORIES

WALL MOUNT SOLUTION



 **WMB6**
WALLMOUNT BRACKET

CORNER MOUNT SOLUTION



 **COMB6**
CORNER MOUNT BRACKET

POLE MOUNT SOLUTION



 **PMB6**
POLE MOUNT BRACKET

CEILING MOUNT SOLUTION



 **CMB6-G**
CEILING MOUNT



 **EB3BASE6-G**
PENDANT

JUNCTION BOX



 **EB3BASE6**
JUNCTION BOX

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