

# PTZ **NETWORK CAMERA**

Onvif® | GSD | NDAA



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**

<b>Image Sensor</b>	1/1.8"
<b>Max. Resolution</b>	4MP 2560(H)x1440(V)
<b>Scanning System</b>	Progressive CMOS
<b>Min. Illumination</b>	Color: 0.001 Lux @ (F1.3, AGC ON), B/W: 0 Lux with IR
<b>Shutter Speed</b>	1/5 s to 1/20000 s
<b>Slow Shutter</b>	Yes
<b>Day &amp; Night</b>	IR cut filter with auto switch (Color/Day/Night/Auto/Image/Schedule)
<b>Zoom</b>	4x optical

**LENS**

<b>Focal Length (Zoom Ratio)</b>	2.8 - 12 mm
<b>Max. Aperture Ratio</b>	Max. F1.3
<b>Angular Field of View</b>	Horizontal : 114.6° to 48.3° (wide-tele) Vertical : 59° to 27.1° (wide-tele) Diagonal : 141.6° to 55.5° (wide-tele)
<b>Focus</b>	Auto/Manual
<b>Supplement Light Range</b>	IR/warm light distance: up to 20 m
<b>Supplement Light Type</b>	IR & warm light

**PTZ**

<b>Movement Range (PAN)</b>	350°
<b>Movement Range (TILT)</b>	0° to 80°
<b>Pan Speed</b>	Pan speed: configurable from 0.6° to 54°/s
<b>Tilt Speed</b>	Tilt speed: configurable from 0.6° to 52°/s
<b>Presets</b>	255 (Preset calls have a limit of 20,000 times)

**NETWORK**

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

**IMAGE**

<b>Image Enhancement</b>	BLC, HLC, 3D DNR
<b>Wide Dynamic Range</b>	120 dB
<b>Image Settings</b>	Saturation, brightness, contrast, sharpness, Hue and white balance adjustable by client software or web browser
<b>Privacy Mask</b>	Off/On (4 zones)

**INTERFACE**

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

**VIDEO**

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

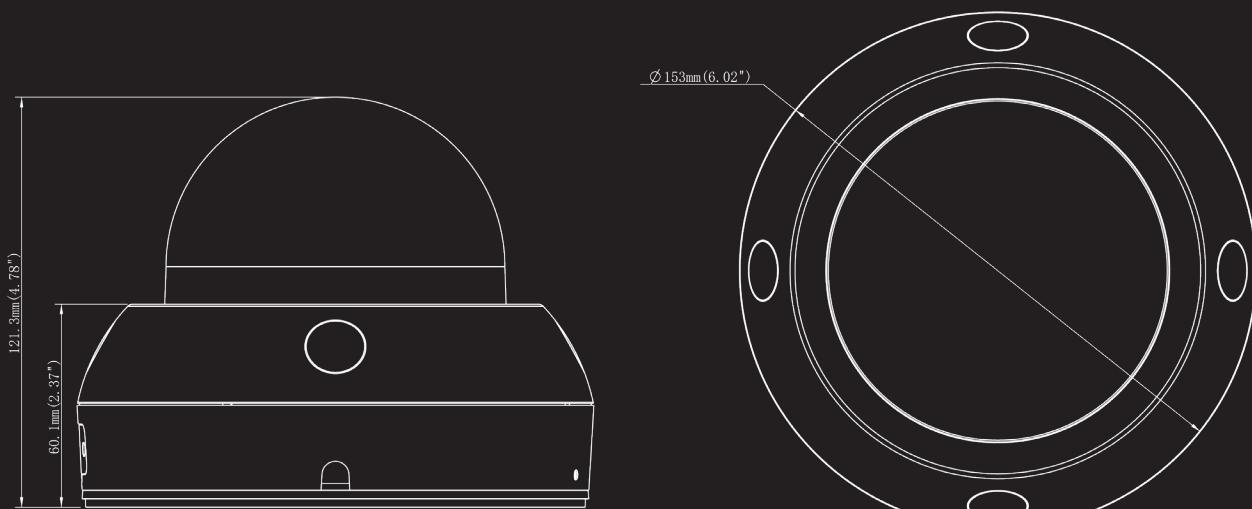
**EVENT**

<b>Basic Event</b>	Motion detection
<b>Smart Features</b>	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)
<b>Smart Tracking</b>	N/A

**GENERAL**

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

DOWNLOAD THE OV CONNECT APP

