PTZ
NETWORK CAMERA

AI | Onvif GST | NDAA Compliant

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.

PTZD4XIP4MP-AI

4MP RESOLUTION — 4MP RESOLUTION	2.8-12MM MOTORIZED LENS	IK10 — IMPACT RESISTANT
350° — 350° LONG RANGE	TWO-WAY COMMUNICATION	IP66 — DUSTPROOF & WATER-RESISTANT
IR UP TO 20M	SEE IN COLOR AT NIGHT	256GB — MICRO SD CARD SLOT UP TO 256GB
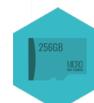
CAMERA

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
PRESETS	255 (Preset calls have a limit of 20,000 times)

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

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

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ETHERNET	1 RJ45 10M/100M self-adaptive Ethernet port
ON-BOARD STORAGE	Micro SD card slot SD/SDHC/SDXC, up to 256 Go
ALARM	N/A
AUDIO	Built-in microphone and speaker
HARDWARE RESET	Yes

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 Lenght 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

121.3mm(4.78")

60.1mm(2.37")

⌀153mm(6.02")
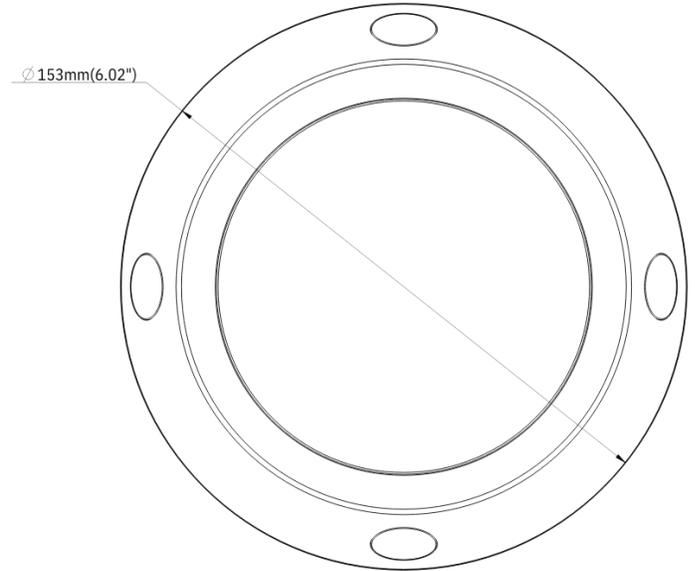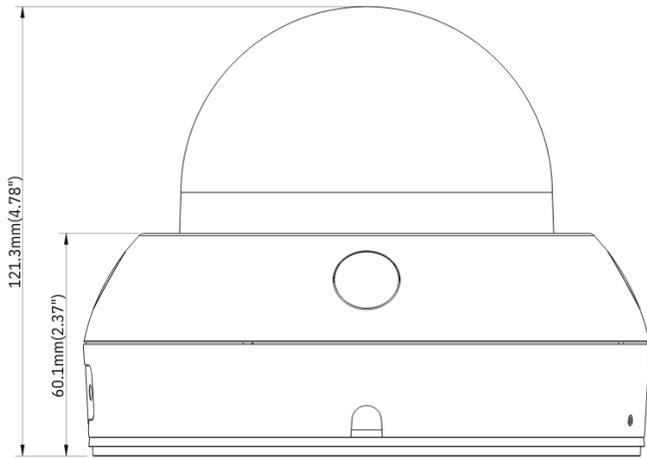
ACCESSORIES

WMB5
WALLMOUNT BRACKET

IPCOAX-300M
IP OVER COAX EXTENDER

EXT-4POE
4 PORTS POE EXTENDER

INJPOE25W
25 WATTS POE INJECTOR

G.S.D GROUP
The alternative solution

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