

**IPPTZA08Z37A****PTZ IP CAMERA, 8MP 37X**

Advance series IP PTZ camera, 37x optical zoom, resolution 4K@30 fps. IR LEDs with a range of 300 metres (Smart IR), ONVIF compatible (Profile S and Profile G). Video analysis functions: Scene change detection, Video tampering detection, Line crossing detection (distinction between humans / vehicles), Detection of Entry into / Exit from / Intrusion into an area (distinction between humans / vehicles), On-line human being / vehicle counting. Smart tracking function. 120 Db WDR, Smart compression H.265/ H.264+/H.264, compatible with browsers: IE/Google Chrome/Edge/Firefox/Safari. SD slot (max. 256 GB). Audio: 1 in / 1 out. Alarms: 2 in / 2 out. Die-cast aluminium IP67 waterproof enclosure, power supply 24 VDC, 24 VAC \pm 25% / PoE. Power supply unit and wall bracket included, compatible accessories: CMA-PTZA, AMAJB-A, PMAJB-A.

AWARDS



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MAIN FEATURES

Camera sensor	1/1.8" CMOS Ultra Starlight
Lens type	Motorized
Effective pixels (H x V - pixels)	3840x2160
Lens optical varifocal dimensions (mm)	6 ÷ 222
Horizontal FoV (°)	59÷2
Vertical FoV (°)	34÷1.1
Diagonal FoV (°)	2.3÷67
Electronic shutter (s)	1/1÷1/100000
Camera optical zoom	37x
Sensitivity	0.005 (colour), 0 (B/W, led IR ON)
Signal/noise ratio (dB)	>50
Video trasmission	Triple streaming
Management software	Comelit CCTV Manager
Video resolution	4K (8MP)

DORI

Detection (min - max) (m)	138.2 ÷ 4293
Observation (min - max) (m)	54.8 ÷ 1706
Recognition (min - max) (m)	27.6 ÷ 858.6
Identification (min - max) (m)	13.8 ÷ 429.3

SOFTWARE/FIRMWARE SPECIFICATIONS

Video compression	Smart H.265 / H.264+ / H.264
Audio compression	G711A/U
Frame rate	30fps
Bit rate range (Mbit/s)	0.06 ÷ 16
Protocols supported	DDNS, DHCP, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, TCP/IP, UDP, UPnP, DNS, SNMP, IEEE 802.1x, ONVIF (Profile-S), ONVIF (Profile-G), ONVIF (Profile-T)
Updating firmware using network	Yes



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SOFTWARE/FIRMWARE SPECIFICATIONS

Users connected at the same time	16
Remote viewer from browser	Edge, Firefox, Chrome, Safari
Remote control by mobile	APP Comelit CCTV
Latest firmware version	5.1.1.0.57271

FUNCTIONS

Main functions	3D-DNR, BLC, Defog
Motion detection	Yes
Video analytics	Scene change detection, Video tampering detection, Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Vehicles / people counting
Privacy zones (n°)	8
Back light compensation (BLC)	BLC, HLC
Digital effects	Mirror (Horizontal, Vertical, 180° rotation), Saturation, Brightness, Contrast, Sharpness, Image flip
Wide Dinamic Range (WDR)	WDR (120dB)
Enhanced DNR control	3D-DNR
White balance control	Automatic, Indoor, Manual, Outdoor
Automatic gain control (AGC)	Yes
Camera titling	Yes

HARDWARE SPECIFICATIONS

IR LED lighting distance	300m
Wall support	Included
Vandal Resistant rating (IK code)	IK10 (metal housing)
IP protection rating	IP67
Alarm Inputs/Outputs	2/2
Audio Inputs/Outputs	1 / 1
LAN output type	Ethernet 10/100 Mbit/s (RJ45)



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HARDWARE SPECIFICATIONS

Support SD card (card not included)	Micro-SD (256GB max)
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GENERAL DATA

Supply voltage	DC24V / AC24V ±25%
Max absorption (W)	48
PoE power supply	Yes, Standard IEEE 802.3.bt (class 6)
Type of power supply	PoE, External power supply
Height (mm)	358
Width (mm)	220
Depth (mm)	220
Product weight (g)	6000
Type of finishing materials	Die-cast aluminum
Housing type	Speed dome
Product color	Black and white
Operating temperature (°C)	-30 ÷ 60
Operating humidity (RH max) (%)	25 ÷ 95
Supplied accessories	Power supply

**IPPTZA08Z37A****PTZ IP CAMERA, 8MP 37X****ACCESSORIES****PMAJB-A ADVANCE POLE-MOUNTING BACKPLATE**

Pole-mounting accessory for Advance PTZ cameras, built-in junction box IP66. For model compatibility please refer to the diagram in the download section. Pole diameter from 160 to 260 mm

**AMAJB-A ADVANCE CORNER-MOUNTING BACKPLATE**

Corner-mounting accessory for Advance PTZ cameras, built-in junction box IP66. For model compatibility please refer to the diagram in the download section.

**CMA-PTZA ADVANCE PTZ CEILING BACKPLATE**

Ceiling-mounting accessory for Advance series PTZ cameras. For model compatibility please refer to the diagram in the download section.