

**IPTCAMA08ZC****IP TURRET CAMERA 8MP 2.8-12MM****ADVANCE**
SERIE

Advance series IP turret camera, 2.8-12 mm motorised lens, resolution 8MP@20 fps, High frame rate function supported (2MP@60 fps). IR LEDs with a range of 50 metres, ONVIF compatible (Profile S and Profile G). The high frame function (60 fps) is only supported by 32/64/128 ch Advance series NVRs. Video analysis functions: Scene change detection, Face detection, Video tamper detection, Line cross detection (distinction between humans / vehicles), Detection of Entry into / Exit from / Intrusion into an area (distinction between humans / vehicles), Human / vehicle counting on a line, Metadata analysis, No parking, Loitering, Audio fault. WDR 120 dB, Smart compression H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG, SD slot (max. 256 GB). Audio: 1 in, built-in microphone. IP67 waterproof die-cast aluminium enclosure, power supply 12 VDC/PoE. Compatible accessories: JBA-TVA, CMA-TVA, WMA-TVA, PMA-A, AMA-A, WMA-02A.

AWARDS



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MAIN FEATURES

Camera sensor	1/3" CMOS
Lens type	Autofocus, Motorized
Lens optical varifocal dimensions (mm)	2.8 ÷ 12
Horizontal FoV (°)	102.7÷32.2
Vertical FoV (°)	70.2÷18.5
Diagonal FoV (°)	110.2÷36.7
Electronic shutter (s)	1/25÷100000
Camera optical zoom	4x
Camera digital zoom	16x
Sensitivity (lux)	0.1 (colour), 0 (B/W, led IR ON)
Signal/noise ratio (dB)	>52 (AGC OFF)
IR filter	Mechanical
Video transmission	Triple streaming
Management software	Comelit Advance VMS
Video resolution (H x V - pixel)	4K (8MP)

SOFTWARE/FIRMWARE SPECIFICATIONS

Video compression	Smart H.265, H.265+, H.265, Smart H.264, H.264+, H.264, MJPEG
Frame rate	20/60fps
Protocols supported	DDNS, Comelit DNS, DHCP, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTSP, SMTP, UDP, UPnP, IEEE 802.1x, ONVIF - (Profile-S, Profile-G)
Updating firmware using network	Yes
Users connected at the same time	3 (live)
Network security	Multi-user authorization, HTTPS, AES encryption, RTSP verif.
Remote viewer from browser	Internet Explorer
Remote control by mobile	app Comelit Advance (Android, iOS)

FUNCTIONS



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Motion detection (zones)	396
Video analytics	Scene change detection, Face detection, Face capture, Video tampering detection, Human tracking, Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Vehicles / people counting, , , ,
Privacy zones (n°)	4
Back light compensation (BLC)	BLC, HLC
Digital effects	Corridor mode (90° / 180° / 270° rotation), Defog, Mirror (Horizontal, Vertical, 180° rotation), ROI zones
Wide Dinamic Range (WDR)	WDR (120dB)
Enhanced DNR control	3DNR
White balance control	AWB, Indoor, Manual, Outdoor
Automatic gain control (AGC)	Yes
Camera titling	Yes

HARDWARE SPECIFICATIONS

IR LED lighting distance	2 led arrays / 50m (Smart IR)
Vandal Resistant rating (IK code)	IK10
IP protection rating	IP67
Audio Inputs/Outputs	1 (RCA) + 1 (microphone) / - (G.711u / G.711a)
LAN output type	Ethernet 10/100 Mbit/s (RJ45)
Support SD card (card not included)	Micro-SD (256GB max)

GENERAL DATA

Supply voltage	12VDC
Max absorption (W)	9
PoE power supply	Standard IEEE 802.3af
Absorption with PoE power supply (W)	15
Type of power supply	PoE, External power supply
Diameter (mm)	111.5
Height (mm)	99.6



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GENERAL DATA

Product weight (g)	620
Type of finishing materials	Die-cast aluminum
Housing type	Turret
Product color	White
Operating temperature (°C)	-30 ÷ 60
Operating humidity (RH max) (%)	25 ÷ 95

**IPTCAMA08ZC****IP TURRET CAMERA 8MP 2.8-12MM****ACCESSORIES****WMA-02A ADVANCE NEXT WALL-MOUNT BACKPLATE**

Wall-mounting support for Next and Advance cameras. For compatibility with models, please refer to the diagram in the downloads section.

**WMA-TVA ADVANCE NEXT WALL BACKPLATE**

Wall-mounting bracket for Next and Advance cameras. For model compatibility please refer to the diagram in the download section.

**CMA-TVA ADVANCE NEXT CEILING BACKPLATE**

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

**JBA-TVA CONNECTION BOX FOR VARI. ADVANCE NEXT TURRET IP66**

Junction box for securing Next and Advance cameras. For model compatibility please refer to the diagram in the download section.

**PMA-A ADVANCE ADVANCE NEXT BEUGEL OP PAAL POLE-MOUNTING BACKPLATE**

Pole-mounting accessory for Next and Advance cameras. For model compatibility please refer to the diagram in the download section.

**AMA-A ADVANCE NEXT CORNER BACKPLATE**

Corner-mounting accessory for Next and Advance cameras. For model compatibility please refer to the diagram in the download section.