

**IPTCAMA08FC****TURRET IP CAMERA 8MP 2.8MM****ADVANCE
SERIE**

Advance series IP turret camera, 2.8 mm fixed lens, resolution 8MP@20 fps, High frame rate function supported (2MP@60 fps). IR LEDs with a range of 30 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-TBBA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A, WMA-01A.

AWARDS



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TURRET IP CAMERA 8MP 2.8MM

MAIN FEATURES

Camera sensor	1/3" CMOS Ultra Starlight
Lens optical dimensions (mm)	2.8
Horizontal FoV (°)	104
Vertical FoV (°)	55
Diagonal FoV (°)	125
Electronic shutter (s)	1/25 ÷ 100000
Camera digital zoom	16x
Sensitivity	0.1 (colour), 0 (B/W, led IR ON)
Signal/noise ratio (dB)	>52 (AGC OFF)
IR filter	Mechanical
Video trasmission	Triple streaming
Management software	Comelit CCTV Manager
Video resolution	4K (8MP)

DORI

Detection (m)	83
Observation (m)	33
Recognition (m)	17
Identification (m)	8

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, SNMP, 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.



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SOFTWARE/FIRMWARE SPECIFICATIONS

Remote viewer from browser	Internet Explorer
Remote control by mobile	APP Comelit CCTV
Latest firmware version	5.1.3.1(50824)(2023-09-19)

FUNCTIONS

Motion detection	Yes
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, metadata-analysis, parking-prohibited, loitering, Audio anomaly
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	Automatic, Indoor, Manual, Outdoor
Automatic gain control (AGC)	Yes
Camera titling	Yes

HARDWARE SPECIFICATIONS

IR LED lighting distance	1 led array / 30m (Smart IR)
Vandal Resistant rating (IK code)	IK10 (metal housing)
IP protection rating	IP67
Audio Inputs/Outputs	1 + Mic / 0
LAN output type	Ethernet 10/100 Mbit/s (RJ45)
Support SD card (card not included)	Micro-SD (256GB max)

GENERAL DATA



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Supply voltage	12VDC
Max absorption (W)	9
PoE power supply	Standard IEEE 802.3af
Type of power supply	PoE, External power supply
Diameter (mm)	108
Height (mm)	96
Product weight (g)	470
Type of finishing materials	Die-cast aluminum
Housing type	Turret
Product color	White
Operating temperature (°C)	-30 ÷ 60
Operating humidity (RH max) (%)	25 ÷ 95



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ACCESSORIES



**WMA-
01A**

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-
KTBBA**

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-
KTBBA**

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-
TBBA**

ADVANCE NEXT CONNECTION BOX 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. Pole diameter from 80 to 140 mm



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.