

**IPTCAMA04FB****IP TURRET CAMERA 4MP 2.8MM****ADVANCE
SERIE**

'Advance series IP turret camera, 2.8 mm fixed lens, resolution 4MP@30 fps, High frame rate function supported (2MP@60 fps). IR LEDs with a range of 30 metres (Smart IR), ONVIF compatible (Profile S and Profile G). The high frame function (60fps) is only supported by 32/64/128 ch Advance series NVRs. Video analysis functions: Scene change detection, Object abandoned/removed function, heat map, 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 and in an area. WDR 120 dB, compression H.265+/H.265/H.264+/H.264/MJPEG, SD slot (max. 256 GB). Audio: 1 in, built-in microphone. Die-cast aluminium IP67 waterproof enclosure, power supply 12 VDC/ PoE IEEE802.3af. Compatible with browsers: IE/Google Chrome/Edge/Firefox/Safari. Compatible accessories: JBA-TBBA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A.

AWARDS



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MAIN FEATURES

Camera sensor	1/3" CMOS
Lens optical dimensions (mm)	2.8
Horizontal FoV (°)	95
Vertical FoV (°)	53
Diagonal FoV (°)	115.2
Electronic shutter (s)	1/25÷100000
Sensitivity (lux)	0.005 (colour), 0 (B/W, led IR ON)
Signal/noise ratio (dB)	>50 (AGC OFF)
IR filter	Mechanical
Video trasmission	Triple streaming
Management software	Comelit CCTV Manager
Video resolution (H x V - pixel)	2592x1520 (4MP)

SOFTWARE/FIRMWARE SPECIFICATIONS

Video compression	H.264 / H.264+ / H.265 / H.265+
Frame rate	30/60fps
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), RTMP
Updating firmware using network	Yes
Users connected at the same time	10 (live)
Network security	Multi-user authorization, HTTPS, AES encryption, RTSP verif.
Remote viewer from browser	Internet Explorer, Firefox, Chrome, Safari
Remote control by mobile	APP Comelit CCTV

FUNCTIONS

Motion detection (zones)	396
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FUNCTIONS

Video analytics	Scene change detection, Face detection, Video tampering detection, Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Object abandoned / missing detection, Vehicles / people counting, Heat map
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, Lens distortion correction
Wide Dinamic Range (WDR)	WDR (120dB)
Enhanced DNR control	3D-DNR
White balance control	AWB, Indoor, Manual, Outdoor
Display brightness control	Yes
Image flip	Yes
Automatic gain control (AGC)	Yes
Camera titling	Yes

HARDWARE SPECIFICATIONS

IR LED lighting distance	3 led arrays / 30m (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)	6.5
PoE power supply	Standard IEEE 802.3af
Type of power supply	PoE, External power supply



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GENERAL DATA

Diameter (mm)	94.6
Height (mm)	82.8
Product weight (g)	460
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-
KTBBA****ADVANCE NEXT WALL BACKPLATE**

Wall-mounting bracket for junction boxes art. JBA-TBBA, JBA-KA (for cameras art. IPTCAMA02FA, IPTCAMA04FA, IPTCAMA08FA, IPTCAMA05Z02A, IPBCAMA02Z01A, IPBCAMA04Z01A, IPBCAMA08Z01A, IPBCAMA02Z03A, IPLPRA02ZA, IPKCAMA02ZA, IPKCAMA04ZA, IPKCAMA08ZA, IPSCAMA08F04A)

**CMA-
KTBBA****ADVANCE NEXT CEILING BACKPLATE**

Ceiling-mounting accessory for junction boxes art. JBA-TBBA, JBA-KA (for cameras art. IPTCAMA02FA, IPTCAMA04FA, IPTCAMA08FA, IPTCAMA05Z02A, IPBCAMA02Z01A, IPBCAMA04Z01A, IPBCAMA08Z01A, IPBCAMA02Z03A, IPLPRA02ZA, IPKCAMA02ZA, IPKCAMA04ZA, IPKCAMA08ZA, IPSCAMA08F04A)

**JBA-
TBBA****ADVANCE NEXT CONNECTION BOX IP66**

Junction box for fixing cameras art. IPTCAMA02FA, IPTCAMA04FA, IPTCAMA08FA, IPTCAMA05Z02A, IPBCAMA02Z01A, IPBCAMA04Z01A, IPBCAMA08Z01A, IPBCAMA02Z03A, IPLPRA02ZA, IPTHBCAMA05F01A.

**PMA-A****ADVANCE NEXT POLE-MOUNTING BACKPLATE**

Pole-mounting accessory (pole diameter 118 to 140 mm) for dome cameras art. IPPTZA02Z20A, IPPTZA04Z30A, junction boxes art. JBA-BA, JBA-TVA, JBA-TBBA, JBA-KA, JBA-FA and wall-mounting brackets art. WMA-BA, WMA-TVA, WMA-KTBBA, WMA-FA.

**AMA-A****ADVANCE NEXT CORNER BACKPLATE**

Corner-mounting accessory for dome cameras art. IPPTZA02Z20A, IPPTZA04Z30A, junction boxes art. JBA-BA, JBA-TVA, JBA-TBBA, JBA-KA, JBA-FA and wall-mounting brackets art. WMA-BA, WMA-TVA, WMA-KTBBA, WMA-FA.