

**ITM08A3F02A****IP TURRET PANORAMA 180° CAMERA, 8MP****ADVANCE
SERIE**

Advance series ColorUP turret IP panorama camera with deterrent on event functions: Blue/red warning LED and audible alert via speaker with sounder or messages. 2.8 mm fixed lens, resolution 8MP@30 fps, White LEDs with range of 20 metres, IR LEDs with range of 30 metres (Smart IR), ColorUp function (White LED), Dual Light (IR+White LED with distinction between humans/vehicles) and IR LED function. ONVIF compatible. 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 and in an area, Metadata analysis, No parking, Loitering, Object abandoned/removed function, Heat map. Video compression H.265+ / H.265 / H.264 + / H.264 / MJPEG. Alarms: 1 in, 1 out. Audio: 1 in, 1 out, built-in microphone and speaker. IP66 waterproof die-cast aluminium enclosure, power supply 12 VDC / PoE IEEE802.3af. Compatible with browsers: Google Chrome/Edge/Firefox/Safari. Compatible accessories: JBA-02A, JBA-TBBA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A, WMA-01A.

AWARDS



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MAIN FEATURES

Camera sensor	1/2.7" CMOS Ultra Starlight
Lens optical dimensions (mm)	2.8
Effective pixels (H x V - pixels)	4640x1760
Horizontal FoV (°)	180
Vertical FoV (°)	66
Electronic shutter (s)	1/3 ÷ 1/100000
Sensitivity (lux)	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 (m)	60
Observation (m)	24
Recognition (m)	12
Identification (m)	6

SOFTWARE/FIRMWARE SPECIFICATIONS

Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio compression	G711A/U
Frame rate	30fps
Bit rate range (Mbit/s)	0.06 ÷ 10
Protocols supported	DDNS, DHCP, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, UDP, UPnP, P2P, SNMP, IEEE 802.1x, RTMP, ONVIF (Profile-S), ONVIF (Profile-G), ONVIF (Profile-M), ONVIF (Profile-T)
Additional functions	Dual light
Updating firmware using network	Yes
Number of simultaneous connections	10



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SOFTWARE/FIRMWARE SPECIFICATIONS

Remote viewer from browser	Edge, Firefox, Chrome, Safari
Remote control by mobile	APP Comelit CCTV

FUNCTIONS

Motion detection	Yes
Video analytics	Counter, through line, entrance area, object left / lost, Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Object abandoned / missing detection, Heat map, metadata-analysis, parking-prohibited, loitering
Optimal people detection distance (m)	10
Optimal vehicle detection distance (m)	15
Back light compensation (BLC)	BLC
Digital effects	Mirror (Horizontal, Vertical, 180° rotation), ROI zones, Saturation, Brightness, Contrast, Sharpness, Image flip
Wide Dinamic Range (WDR)	D-WDR
White balance control	Automatic, Manual
Exposure control	Manual, Auto
Display brightness control	Yes
Image flip	Yes
Camera titling	Yes

HARDWARE SPECIFICATIONS

IR LED lighting distance	30m
Max. distance White LED	20m
IK vandal-resistance rating (with product installed)	IK10 (metal housing)
IP protection rating (with product installed)	IP66
Alarm Inputs/Outputs	1/1
Maximum load alarm outputs	24 V DC/AC 1A

**ITM08A3F02A****IP TURRET PANORAMA 180° CAMERA, 8MP****HARDWARE SPECIFICATIONS**

Audio Inputs/Outputs	1 + Mic / 1 + Speaker
Speaker SPL (dB)	82@1m
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)	10.5
PoE power supply	Standard IEEE 802.3af
Type of power supply	PoE, External power supply
Diameter (mm)	111.5
Height (mm)	102.2
Product weight (g)	720
Type of finishing materials	Die-cast aluminum
Housing type	Turret
Product color	Black and white
Operating temperature (°C)	-30 ÷ 60
Operating humidity (RH max) (%)	25 ÷ 95



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ACCESSORIES



**JBA-
02A**

IP66 CONNECTION BOX, ADVANCE NEXT

Junction box for securing Next and Advance cameras. For model compatibility, please refer to the diagram in the download section. Not compatible with power supply item PS1213A.



**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



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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.