

**IT08N2FA****IP TURRET CAMERA 8MP 2.8MM COLOR UP**NEXT
SERIE

Next series ColorUP IP turret camera, 2.8 mm fixed lens, resolution 8MP@20 fps, White LEDs with range of 20 metres, IR LEDs with range of 20 metres (Smart IR), ColorUp (White LED), Dual Light (IR+White LED with distinction between humans/vehicles) and IR LED function. ONVIF compatible. Video analysis functions: Intrusion into an area (distinction between humans/vehicles), line crossing (distinction between humans/vehicles), object abandoned/removed function. WDR 120 Db, video compression H.265+ / H.265 / 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 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	1/2.8" CMOS Ultra Starlight
Lens optical dimensions (mm)	2.8
Effective pixels (H x V - pixels)	3840x2160
Horizontal FoV (°)	106
Vertical FoV (°)	57
Diagonal FoV (°)	124
Electronic shutter (s)	1/3 ÷ 1/100000
Sensitivity	0.005 (colour), 0 (B/W, led IR ON)
Video trasmission	Triple streaming
Management software	Comelit CCTV Manager
Video resolution	4K (8MP)

DORI

Detection (m)	79
Observation (m)	32
Recognition (m)	16
Identification (m)	8

SOFTWARE/FIRMWARE SPECIFICATIONS

Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio compression	G711A/U
Frame rate	20fps
Bit rate range (Mbit/s)	0.06 ÷ 12
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)
Updating firmware using network	Yes
Users connected at the same time	10 (live)
Remote viewer from browser	Edge, Firefox, Chrome, Safari



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SOFTWARE/FIRMWARE SPECIFICATIONS

Remote control by mobile	APP Comelit CCTV
Latest firmware version	5.2.3(5568)(2024-10-21)

FUNCTIONS

Main functions	3D-DNR, BLC, HLC
Motion detection	Yes
Video analytics	Scene change detection, Video tampering detection, Line crossing detection (human / vehicle classification), Object abandoned / missing detection, Region intrusion detection (human / vehicle classification), Blurred image detection
Optimal people detection distance (m)	7
Optimal vehicle detection distance (m)	12
Back light compensation (BLC)	BLC, HLC
Digital effects	Mirror (Horizontal, Vertical, 180° rotation), ROI zones, Saturation, Brightness, Contrast, Sharpness, Image flip
Wide Dinamic Range (WDR)	WDR (120dB)
Enhanced DNR control	3D-DNR
White balance control	Automatic, Indoor, Manual, Outdoor
Exposure control	Manual, Auto
Display brightness control	Yes
Camera titling	Yes

HARDWARE SPECIFICATIONS

IR LED lighting distance	20m
Max. distance White LED	20m
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)



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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
Diameter (mm)	108
Height (mm)	96
Product weight (g)	480
Type of finishing materials	Die-cast aluminum
Housing type	Turret
Product color	White
Operating temperature (°C)	-30 ÷ 60
Operating humidity (RH max) (%)	25 ÷ 95

**IT08N2FA****IP TURRET CAMERA 8MP 2.8MM COLOR UP****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.

**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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ACCESSORIES



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.