IT04N2ZA

IP TURRET CAMERA, 4MP 2.8-12MM COLOR UP

NEXT SERIE

Next series ColorUP IP turret camera, 2.8-12 mm motorised lens, resolution 4MP@30 fps, White LEDs with range of 30 metres, IR LEDs with range of 30 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-TVA, CMA-TVA, WMA-TVA, PMA-A, AMA-A, WMA-02A.

AWARDS

NDAA COMPLIANT

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MAIN FEATURES	
Camera sensor	1/3" CMOS Ultra Starlight
Lens type	Motorized
Effective pixels (H x V - pixels)	2560x1440
Lens optical varifocal dimensions (mm)	2.8 ÷ 12
Horizontal FoV (°)	92÷31
Vertical FoV (°)	48÷17
Diagonal FoV (°)	112÷35.6
Electronic shutter (s)	1/1÷1/100000
Sensitivity	0.005 (colour), 0 (B/W, led IR ON)
Video trasmission	Triple streaming
Management software	Comelit CCTV Manager
Video resolution	4MP

DORI	
Detection (min - max) (m)	64 ÷ 189
Observation (min - max) (m)	26 ÷ 75
Recognition (min - max) (m)	13 ÷ 38
Identification (min - max) (m)	6 ÷ 19

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 ÷ 6
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	3 (live)

The technical specifications are subject to change without prior notice.

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SOFTWARE/FIRMWARE SPECIFICATIONS	
Remote viewer from browser	Edge, Firefox, Chrome, Safari
Remote control by mobile	APP Comelit CCTV
Latest firmware version	5.2.2(44436)(2024-05-13)

FUNCTIONS	
Main functions	3D-DNR, BLC
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)	15
Optimal vehicle detection distance (m)	20
Privacy zones (n°)	4
Back light compensation (BLC)	BLC
Digital effects	Corridor mode (90° / 180° / 270° rotation), 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	30m
Max. distance White LED	30m
Vandal Resistant rating (IK code)	IK10 (metal housing)
IP protection rating	IP67
Audio Inputs/Outputs	1 + Mic / 0

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HARDWARE SPECIFICATIONS	
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
Type of power supply	PoE, External power supply
Diameter (mm)	130
Height (mm)	110
Product weight (g)	660
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-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

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.

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