CCTV

CAMERAS

IPKCAMA08ZC

VANDALDOME IP CAMERA 8MP 2.8-12MM

ADVANCE SERIE

Advance series vandaldome IP camera with IK10 protection rating. Ideal for all installations in which the camera is in a position at risk of tampering or damage. 2.8-12 mm motorised lens with autofocus function, resolution 8MP@20 fps, High frame rate function supported (2MP@60 fps). IR LEDs with a range of 50 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, 1 out, built-in microphone. Alarms: 1 in, 1 out. IP67 waterproof die-cast aluminium enclosure, power supply 12 VDC/PoE. Compatible accessories: JBA-KA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A, CMA-KCAMA.

AWARDS

NDAA COMPLIANT

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MAIN FEATURES	
Camera sensor	1/2.8" CMOS Ultra Starlight
Lens type	Autofocus, Motorized, F1.4
Lens optical varifocal dimensions (mm)	2.8 ÷ 12
Horizontal FoV (°)	97÷32
Vertical FoV (°)	57÷18
Diagonal FoV (°)	115÷36
Electronic shutter (s)	1/25÷100000
Camera optical zoom	4x
Sensitivity	0.015 (colour), 0 (B/W, led IR ON)
IR filter	Mechanical
Video trasmission	Triple streaming
Management software	Comelit CCTV Manager
Video resolution	4K (8MP)

DORI	
Detection (min - max) (m)	85 ÷ 289
Observation (min - max) (m)	34 ÷ 116
Recognition (min - max) (m)	17 ÷ 58
Identification (min - max) (m)	8 ÷ 29

SOFTWARE/FIRMWARE SPECIFICATIONS	
Video compression	Smart H.265, H.265+, H.265, Smart H.264, H.264+, H.264, MJPEG
Audio compression	G711A/U
Frame rate	20/60fps
Bit rate range (Mbit/s)	0.06 ÷ 8
Protocols supported	DDNS, DHCP, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, UDP, UPnP, SNMP, IEEE 802.1x, RTMP, ONVIF (Profile-S), ONVIF (Profile-G), ONVIF (Profile-M), ONVIF (Profile-T)

The technical specifications are subject to change without prior notice.

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SOFTWARE/FIRMWARE SPECIFICATIONS

Updating firmware using network	Yes
Users connected at the same time	10
Network security	Password, multi-user authorization, IP filtering, HTTPS, SSL
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

Main functions	Defog, OSD menu multilanguage, Watermarking
Motion detection	Yes
Video analytics	Scene change detection, Face capture, Video tampering detection, Region entrance / exit / intrusion detection (human / vehicle classification), Vehicles / people counting, Line crossing detection, Face detection, metadata-analysis, parking-prohibited, loitering, Audio anomaly
Optimal people detection distance (m)	20
Optimal vehicle detection distance (m)	25
Privacy zones (n°)	1
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	3DNR
Camera titling	Yes

HARDWARE SPECIFICATIONS

IR LED lighting distance	2 led arrays / 50m (Smart IR)
Vandal Resistant rating (IK code)	IK10
IP protection rating	IP67
3-axis adjustment	Yes
Alarm Inputs/Outputs	1/1

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HARDWARE SPECIFICATIONS

Audio Inputs/Outputs	1 + Mic / 1
Analogue video output	CVBS (BNC - 1 Vpp/75 ohm)
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)	141
Height (mm)	100.2
Product weight (g)	900
Type of finishing materials	Die-cast aluminum
Housing type	Minidome
Product color	White
Operating temperature (°C)	-30 ÷ 60
Operating humidity (RH max) (%)	25 ÷ 95

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ACCESSORIES

CMA-KCAMA

FLUSH-MOUNT CEILING BACKPLATE, ADVANCE VANDALDOME

This accessory is used for flush mounting Advance series vandaldome cameras, making them more discreet and less exposed to tampering attempts. For model compatibility please refer to the diagram in the download 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.

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

JBA-KA

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.

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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