CCTV

CAMERAS

IPKCAMA04ZC

VANDALDOME IP CAMERA 4MP 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 4MP@30 ips. IR LEDs with a range of 50 metres (SMART IR), 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, 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, Metadata analysis, No parking, Loitering, Audio fault. WDR 120Db, compression H.265+/H.265/H.264+/H.264/MJPEG, SD slot (max. 256GB). Audio: 1 in, 1 out, built-in microphone. Alarms: 1 in, 1 out. IP67 waterproof die-cast aluminium enclosure, power supply 12 VDC / PoE IEEE802.3af. Compatible with browsers: IE/Google Chrome/Edge/Firefox/Safari. 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	1/3" CMOS Ultra Starlight
Lens type	Motorized
Lens optical varifocal dimensions (mm)	2.8 ÷ 12
Horizontal FoV (°)	102.7÷32.2
Vertical FoV (°)	57.22÷18.15 (± 5%)
Diagonal FoV (°)	102÷33.9
Electronic shutter (s)	1/25÷100000
Sensitivity	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	2592x1520 (4MP)

DORI	
Detection (min - max) (m)	58 ÷ 205
Observation (min - max) (m)	23 ÷ 82
Recognition (min - max) (m)	11 ÷ 41
Identification (min - max) (m)	5 ÷ 20

SOFTWARE/FIRMWARE SPECIFICATIONS	
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
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	Edge, Firefox, Chrome, Safari

The technical specifications are subject to change without prior notice.

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SOFTWARE/FIRMWARE SPECIFICATIONS

Remote control by mobile	APP Comelit CCTV
Latest firmware version	5.1.3.1(52255)(2023-11-08)

FUNCTIONS

Motion detection	Yes
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, metadata-analysis, parking-prohibited, loitering, Audio anomaly
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	Automatic, 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
Alarm Inputs/Outputs	1/1
Audio Inputs/Outputs	1 + Mic / 1
Analogue video output	CVBS (BNC)

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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)	10.5
PoE power supply	Standard IEEE 802.3af
Type of power supply	PoE, External power supply
Diameter (mm)	141
Height (mm)	100
Product weight (g)	930
Type of finishing materials	Die-cast aluminum, High Impact Polycarbonate
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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