CCTV

CAMERAS

IPKCAMA04FD

VANDALDOME IP CAMERA, 4MP 2.8MM

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 mm fixed lens, resolution 4MP@30 fps. IR LEDs with a range of 10 metres (SMART IR), ONVIF compatible (Profile S and Profile G). Video analysis functions: Object abandoned/removed function, heat map, Face 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, Scene change detection, Video tamper detection, Out-of-focus image detection, 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, 2 built-in microphones. Alarms: 1 in, 1 out. IP67 waterproof die-cast aluminium enclosure, power supply 12 VDC / PoE IEEE802.3af. Compatible with browsers: Google Chrome/Edge/Firefox/Safari. Compatible accessories: WMA-01A.

AWARDS

NDAA COMPLIANT

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MAIN FEATURES	
Camera sensor	1/3" CMOS Ultra Starlight
Lens optical dimensions (mm)	2.8
Effective pixels (H x V - pixels)	2688x1520
Horizontal FoV (°)	95
Vertical FoV (°)	53
Diagonal FoV (°)	100
Electronic shutter (s)	1/3 ÷ 1/100000
Camera digital zoom	Yes
Sensitivity	0.005 (colour), 0 (B/W, led IR ON)
Video trasmission	Triple streaming
Management software	Comelit CCTV Manager
Video resolution	4MP

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 ÷ 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)
Updating firmware using network	Yes
Users connected at the same time	8 (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)(2024-05-14)

FUNCTIONS	
Main functions	3D-DNR, BLC, Defog, HLC
Video analytics	Scene change 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, Face detection, Blurred image detection, metadata-analysis, parking-prohibited, loitering, Audio anomaly
Optimal people detection distance (m)	10
Optimal vehicle detection distance (m)	15
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
Display brightness control	Yes
Image flip	Yes
Automatic gain control (AGC)	Yes
Camera titling	Yes

HARDWARE SPECIFICATIONS	
IR LED lighting distance	10m
Vandal Resistant rating (IK code)	IK10
IP protection rating	IP67
Alarm Inputs/Outputs	1/1

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HARDWARE SPECIFICATIONS	
Audio Inputs/Outputs	1 + Mic / 1
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)	5.5
PoE power supply	Standard IEEE 802.3af
Type of power supply	PoE, External power supply
Diameter (mm)	110
Height (mm)	62
Product weight (g)	430
Type of finishing materials	Die-cast aluminum
Housing type	Minidome
Product color	White, Black
Operating temperature (°C)	-30 ÷ 60
Operating humidity (RH max) (%)	25 ÷ 95

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ACCESSORIES

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.

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