

**IPKCAMA04FC****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 20 metres (SMART IR), ONVIF compatible (Profile S and Profile G). Video analysis functions: Scene change detection, Video tamper detection, 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, 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 / built-in microphone. IP66 waterproof die-cast aluminium enclosure, power supply 12 VDC / PoE IEEE802.3af. Compatible with browsers: IE/Google Chrome/Edge/Firefox/Safari. Compatible accessories: WMA-01A.

AWARDS



IPKCAMA04FC

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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)	2592x1520
Horizontal FoV (°)	95
Vertical FoV (°)	53
Diagonal FoV (°)	100
Electronic shutter (s)	1/2 ÷ 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	2592x1520 (4MP)

SOFTWARE/FIRMWARE SPECIFICATIONS

Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Frame rate	30fps
Protocols supported	DHCP, FTP, HTTP, HTTPS, IPv4, IPv6, QoS, RTSP, UDP, ONVIF
Updating firmware using network	Yes
Users connected at the same time	10 (live)
Remote viewer from browser	Edge, Firefox, Chrome, Safari
Remote control by mobile	APP Comelit CCTV
Latest firmware version	5.1.3.1(52255)(2023-11-08)

FUNCTIONS

Main functions	3D-DNR, BLC, Defog
Motion detection	396



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FUNCTIONS

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	20m
Vandal Resistant rating (IK code)	IK10
IP protection rating	IP66
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)

GENERAL DATA

Supply voltage	12VDC
Max absorption (W)	6
PoE power supply	Standard IEEE 802.3af



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GENERAL DATA

Type of power supply	PoE, External power supply
Height (mm)	59.8
Width (mm)	110
Depth (mm)	110
Product weight (g)	380
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.