

**IPKCAMA08ZB****IP VANDALDOME 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 (60fps) is only supported by 32/64/128 ch Advance series NVRs. Video analysis functions: Scene change detection, Face detection, Video tampering detection, Line crossing detection (distinction between humans / vehicles), Detection of Entry into / Exit from / Intrusion into an area (distinction between humans / vehicles), On-line human being / vehicle counting. 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. Die-cast aluminium IP67 waterproof enclosure, power supply 12 VDC/PoE. Compatible accessories: JBA-KA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A.



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MAIN FEATURES

Camera sensor	1/2.8" CMOS
Lens type	Autofocus, Motorized, F1.4
Lens optical varifocal dimensions (mm)	2.8 ÷ 12
Horizontal FoV (°)	96÷32
Vertical FoV (°)	64÷18.4
Diagonal FoV (°)	103.8÷36.5
Electronic shutter (s)	1/25÷100000
Camera optical zoom	4x
Sensitivity	0.01 (colour), 0 (B/W, led IR ON)
IR filter	Mechanical
Video trasmission	Triple streaming
Management software	Comelit Advance VMS
Video resolution	4K (8MP)

SOFTWARE/FIRMWARE SPECIFICATIONS

Video compression	Smart H.265, H.265+, H.265, Smart H.264, H.264+, H.264, MJPEG
Frame rate	20/60fps
Protocols supported	DDNS, DHCP, FTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTSP, SMTP, UDP, UPnP, SNMP, IEEE 802.1x, ONVIF - (Profile-S, Profile-G)
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 Advance (Android, iOS)

FUNCTIONS

Main functions	Defog, OSD menu multilanguage, Watermarking
Motion detection	396



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FUNCTIONS

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
Privacy zones (n°)	1
Back light compensation (BLC)	BLC, HLC
Digital effects	ROI zones, Lens distortion correction
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
Audio Inputs/Outputs	1 (RCA) + 1 (microphone) / 1 (RCA) (G.711u / G.711a)
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



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GENERAL DATA

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.



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.