

**IK04N1ZA****IP Vandal-Resistant Dome Camera 4MP 2.8-12mm****NEXT
SERIE**

Next 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 fps. IR LEDs with a range of 30 metres (SMART IR), ONVIF compatible (Profile G,M,S,T). Video analysis functions: Intrusion into an area (distinction between humans/vehicles), line crossing (distinction between humans/vehicles), object abandoned/removed function. WDR 120Db, compression H.265+/H.265/H.264+/H.264/MJPEG, SD slot (max. 256GB). Audio: 1 in, 1 out, built-in microphone. 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



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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 (°)	92÷31
Vertical FoV (°)	48÷17
Diagonal FoV (°)	112÷35.6
Electronic shutter (s)	1/1÷1/100000
Sensitivity (lux)	0.004 (Colori), 0 (Bianco e nero led IR ON)
Signal/noise ratio (dB)	>50
Video trasmission	Triple streaming
Management software	Comelit CCTV Manager
Video resolution	4MP
Tera Operations Per Second (TOPS)	0.75

DORI

Detection (min - max) (m)	64 ÷ 189
Observation (min - max) (m)	26 ÷ 75
Recognition (min - max) (m)	13 ÷ 38
Identification (min - max) (m)	6 ÷ 19

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 ÷ 6
Protocols supported	DDNS, DHCP, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, UDP, UPnP, P2P, ONVIF, SNMP, IEEE 802.1x, RTMP
Updating firmware using network	Yes
Number of simultaneous connections	6 (live)



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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	5.2.3.3636B250704.ID13.U1(07F07)

FUNCTIONS

Motion detection	Yes
Video analytics	Scene change detection, Video tampering detection, Line crossing detection (human / vehicle classification), Object abandoned / missing detection, Region intrusion detection (human / vehicle classification), Blurred image detection
Optimal people detection distance (m)	15
Optimal vehicle detection distance (m)	20
Back light compensation (BLC)	BLC
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	30m
Vandal Resistant rating (IK code)	IK10
IP protection rating	IP67
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)



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GENERAL DATA

Supply voltage	12VDC
Max absorption (W)	7.5
PoE power supply	Standard IEEE 802.3af
Type of power supply	PoE, External power supply
Diameter (mm)	141
Height (mm)	100
Product weight (g)	876
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.