



AHKCAMS08ZA

AHD VANDALDOME CAMERA: 4K, 2.7-13.5MM



**SMART
SERIE**

Vandal dome AHD/TVI/CVI/CVBS (960H) Day & Night colour camera, 2.7÷13.5 mm motorized zoom lens, 4K resolution, case IP66 waterproof, 4 infrared LEDs with range of up to 40 meters (Smart IR).



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MAIN FEATURES

Camera sensor	1/2.8" CMOS Sony Starvis Technology back-illuminated pixel
Lens type	Autofocus, Motorized
Lens optical varifocal dimensions (mm)	2.7 ÷ 13.5
Horizontal FoV (°)	108.78÷32.27 (± 5%)
Vertical FoV (°)	57.22÷18.15 (± 5%)
Diagonal FoV (°)	130.54÷37.02 (± 5%)
Electronic shutter (s)	1/25÷1/25000
Slow shutter	Yes
Camera optical zoom	5x
Sensitivity (lux)	0.01 (colour), 0 (B/W, led IR ON)
Signal/noise ratio (dB)	>50 (AGC OFF)
IR filter	Mechanical
Video output	AHD/TVI/CVI/CVBS (960H)
Video resolution (H x V - pixel)	1920x1080 (Full-HD 1080p), 4MP, 4K (8MP), 5MP

SOFTWARE/FIRMWARE SPECIFICATIONS

Frame rate	AHD/TVI: 8MP@15fps, 5MP@20fps, 4/2MP@25fps. CVI: 8MP@12.5fps, 4/2MP@25fps
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FUNCTIONS

Back light compensation (BLC)	BLC, HLC
Digital effects	Defog, Mirror (Horizontal, Vertical, 180° rotation), OSD
Wide Dinamic Range (WDR)	WDR (120dB)
Enhanced DNR control	3DNR
White balance control	AWB, Manual
Automatic gain control (AGC)	Yes
Camera titling	Yes

HARDWARE SPECIFICATIONS

No. IR LEDs / Max. distance	4 led 42 µ / 40m (Smart IR)
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HARDWARE SPECIFICATIONS

Maximum cable distance RG59 / UTP	300 / 100
Vandal Resistant rating (IK code)	IK10
Protection rating (IP code)	IP66
Analogue video output	CVBS (BNC - 1 Vpp/75 ohm)

GENERAL DATA

Supply voltage	12VDC
Max absorption (W)	9
Diameter (mm)	159
Height (mm)	132
Product weight (g)	1400
Type of finishing materials	Die-cast aluminum
Housing type	Minidome
Product color	White
Operating temperature (°C)	-10 ÷ 50
Operating humidity (RH max) (%)	25 ÷ 95



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ACCESSORIES



WMSVARI01A WALL MOUNT BRACKET FOR MINIDOME VARIFOCAL, SMART

Wall mount bracket for fixing Smart series varifocal Minidome camera art. IPDCAMS02VA, IPDCAMS02ZA, IPDCAMS05VA, IPDCAMS05ZA, IPDCAMS08ZA to the wall.