

Analog HD Dome 8 MPx (4K, 2.7 - 13.5 mm)

Art.-Nr. HDCC78551

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Analog HD dome camera with 4K for brilliant surveillance images

The ABUS dome surveillance camera with 8 megapixels delivers images in Ultra HD (4K). With more details, excellent image contrasts and high-resolution images, video surveillance is now even more effective. In combination with 4K-capable recorders and a 4K monitor, the 4K dome camera demonstrates its full superiority.

Optimized image and quick installation

Powerful True WDR ensures uniform exposure of different foreground and background scenarios. Automatic day/night switchover of the powerful IR LED technology ensures optimum, very balanced image lighting. Fine adjustment of the motorized zoom lens can be carried out conveniently via remote access.

Indoor and outdoor surveillance

The dome camera impresses with its robust design and high protection classes against dust and water (IP67) and vandalism (IK10). The dome camera in particular is also suitable for discreet surveillance due to the difficult to see viewing direction of the lens.

Technologies

- Brilliant surveillance images with high resolution: 8 MPx (4K) with 3840 x 2160 pixels @ 12.5 fps
- 4K Ultra HD resolution via wired analog system
- High image quality even in backlight and difficult lighting conditions thanks to compensation of light/dark contrasts (True WDR)
- Easy installation and focusing via remote access with the motorized zoom lens (2.7 - 13.5 mm)
- Powerful IR LED technology for improved illumination range up to 60 m at night
- Robust security camera: Vandal-proof and weatherproof housing (IK10 & IP67)
- Perfect for cost-effective retrofitting: transmission via existing analog cable infrastructure (e.g. coaxial) or 2-wire
- Signal transmission from camera to recorder over cable lengths of up to 500 m without impairing image quality

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- Wide range of brackets for simple, inexpensive installation
- Power supply: 9.6-14.4 VDC; 19.2-28.8 VAC; video outputs: 1 x BNC (HD-TVI), 1 x BNC (FBAS/CVBS)

Technical data - Analog HD Dome 8 MPx (4K, 2.7 - 13.5 mm)

AC voltage supply	24 V +/-25 % V
Aperture at minimum illumination (colour)	F1.2
Backlight compensation	True WDR, BLC, HLC
Camera outputs	1 x BNC
Camera type	Dome
Compatible with ABUS Link Station	No
Compatible with Secoris	No
Compatible with Secvest	No
Compatible with Smartvest	No
Compatible with wAppLoxx	No
Compatible with wAppLoxx Pro	No
Connections	1 x BNC (HD-TVI), 1 x BNC (CVBS), 1 x DC/AC (2-Pin)
Control	Coax
DC voltage supply	12 V +/-25 % V
Day/night switching	Electromechanical IR cut filter
Design	Dome
Dimensions	(D x H) 145x124 mm
Dynamic range (WDR)	120 dB
Electronic shutter	Yes
Focal length	2,7 mm
Functions	Motion Detection, Tripwire Detection and Intrusion Detection via DVR
HD-TVI video channels	1
Height	124 mm
Horizontal viewing angle	46 °
Housing material	Metal
IP protection class	67
IR LEDs	Yes
IR range (up to)	40 m
Image enhancement	True WDR, BLC, AWB, 3D DNR, Defog, HLC
Image integration	16x
Image sensor	1/1.8" Progressive Scan CMOS
Length	145 mm

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Lens	Motorised zoom, autofocus
Max. humidity	90 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	3840 x 2160 @ 12.5 frames/s
Microphone	No
Min. operating temperature	-40 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,003 lx
Net weight	0,7 kg
Noise reduction	3D DNR
Number of IR LEDs	2
OSD language	EN
Optical zoom	5x
PSTI conformity required	No
Pixels (effective)	3840 x 2160 pixel
Power consumption	875 mA
Private zones	4
Protection class IK	10
Resolution	8 MP
Resolution modes	8 MPx @ 15fps, 5 MPx @ 20fps, 4 MPx @ 30fps, 1080p @ 30fps
Technology	HD-TVI
Vertical viewing angle	28 °
Video system	HD-TVI
White balance	auto, manual
Width	145 mm