

Analogue HD Dome 8 MPx (4K, 2.8 - 12 mm)



Art.-Nr. HDCC78550

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Analogue HD Dome Camera with 4K for outstanding surveillance images

The ABUS dome surveillance camera with 8MPx captures images in Ultra HD (4K). With finer details, a wider colour gamut and high-resolution images, video surveillance is even more useful. The ABUS 4K solution In combination with 4K-capable recorders and a 4K monitor, the 4K dome camera brings its overwhelming superiority into full play - with high resolutions for more detail.

Optimised image and quick installation

Powerful True WDR function ensures evenly lit foregrounds and backgrounds. The automatic day/night switching offered by the improved IR LED technology provides better and balanced image lighting. The fine adjustment of the motorised zoom lens can be done easily via remote access.

Indoor and outdoor surveillance

The dome camera impresses with its solid workmanship and high dust and water protection classes (IP67) and vandalism protection classes (IK10). The fact that it is difficult to tell which direction the lens is pointing makes the dome camera especially suitable for discreet surveillance.

Technologies

- 8 MPx (4K) Resolution: 3840 x 2160 @ 12.5 fps
- 4K Ultra HD resolution
- TrueWDR effectively compensates for light/dark contrast
- Easy installation and focussing via remote access with the motorised zoom lens (2.8–12 mm)
- Powerful IR LED technology for improved illumination of up to 40 m at night

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- Vandalism and weather protected housing (IK10 & IP67)
- Perfect for retrofitting: Transmission using CCTV infrastructure, such as coaxial cable or 2 wire
- Cable length of up to 500 m possible without loss
- Wide variety of holders for straightforward, cost-efficient installation.

Technical data - Analogue HD Dome 8 MPx (4K, 2.8 - 12 mm)

AC voltage supply	24 V +/-25 % V
Aperture at minimum illumination (colour)	1.2
Backlight compensation	True WDR, BLC, HLC
Camera outputs	1 x BNC (HD-TVI), 1 x BNC (FBAS)
Camera type	Dome
Compatible with Secvest	No
Compatible with wAppLoxx	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) 145 x 125 mm
Dynamic range (WDR)	120 dB
Focal length	2.8 – 12.0 mm
Functions	Motion Detection, Tripwire Detection and Intrusion Detection via DVR
HD-TVI video channels	1
Height	125 mm
Horizontal viewing angle	46 – 108 °
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
Lens	Motor-Zoom, Autofocus
Max. humidity	90 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	3840 x 2160 @ 12.5 frames/s
Min. operating temperature	-40 °C

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Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,003 lx
Net weight	0,7 kg
Noise reduction	3D DNR
OSD language	EN
Optical zoom	4.2x
PSTI conformity required	No
Pixels (effective)	3840 x 2160 pixel
Power consumption	900 mA
Private zones	4
Protection class IK	10
Resolution	8 MP
Resolution modes	8 MPx @ 12.5fps, 5 MPx @ 20fps, 4 MPx @ 25fps, 1080p @ 25fps
Technology	HD-TVI
Video system	HD-TVI
White balance	auto, manual
Width	145 mm