

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



Art.-Nr. HDCC78550

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Analogue 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 shows its full superiority.

Optimised image and quick installation

Strong True WDR ensures uniform exposure of different foreground and background scenarios. The automatic day/night switching of the powerful IR LED technology ensures optimum, very balanced image lighting. Precise adjustment of the motorised 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 fact that it is difficult to tell which direction the lens is pointing makes the dome camera especially suitable for discreet surveillance.

## Technologies

- Brilliant surveillance images with high resolution: 8 MPx (4K) with 3840 x 2160 pixels @ 12.5 fps
- 4K Ultra HD resolution via wired analogue system
- High image quality even with backlight and in difficult lighting conditions thanks to compensation of light/dark contrasts (True WDR)
- Easy installation and focusing via remote access with the motorised zoom lens (2.7 - 13.5 mm)
- Powerful IR LED technology for improved illumination up to 60 m at night
- Robust security camera: Vandalism- and weatherproof housing (IK10 & IP67)
- Perfect for inexpensive retrofitting: Transmission via existing analogue cable infrastructure (e.g. coaxial) or 2-wire line
- Wide variety of holders for straightforward, cost-efficient 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 - Analogue HD Dome 8 MPx (4K, 2.8 - 12 mm)

AC power supply	24 V +/-25 % V
Aperture at minimum illumination (color)	1.2
Application purpose	General surveillance
Article program	Professional
Backlight compensation	True WDR, BLC, HLC
Camera outputs	1 x BNC (HD-TVI), 1 x BNC (FBAS)
Camera type	Dome

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

Colour	white
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)
Construction type of device	Dome
Control unit	Coax
Current consumption	900 mA
DC power supply	12 V +/-25 % V
Day/night switching	Electromechanical IR cut filter
Diameter	145 mm
Dimensions	(D x H) 145 x 125 mm
Dynamic range (WDR)	120 dB
Focal length	2.8 – 12.0 mm
Height	125 mm
Horizontal viewing angle	46 - 108 °
Housing material	Metal
IR LEDs	Yes
IR range (up to)	40 m
Image integration	16x
Image optimization	True WDR, BLC, AWB, 3D DNR, Defog, HLC
Image sensor	1/1.8" Progressive Scan CMOS
Language OSD	EN
Length	145 mm
Lens	Motorised zoom, autofocus
Max. Air humidity	90 %
Max. Operating temperature	60 °C
Max. Resolution @ frame rate	3840 x 2160 @ 12.5 frames/s
Min. operating temperature	-40 °C
Minimum illumination (IR)	0 lx
Minimum illumination (color)	0.003 lx
Net weight	1.007 kg
Noise suppression	3D DNR
Optical zoom	4.2x

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

PSTI conformity needed	No
Pixels (effective)	3840 x 2160
Power consumption	10.5 W
Privacy zones	4
Product group	Camera
Protection class IK	10
Protection class IP	67
Radio functions	Motion Detection, Tripwire Detection and Intrusion Detection via DVR
Radio networked	No
Resolution	8 MP
Resolution modes	8 MPx @ 12.5fps, 5 MPx @ 20fps, 4 MPx @ 25fps, 1080p @ 25fps
Video channels HD-TVI	1
Video motion detector included	No
Video system	HD-TVI
WEEE group	09
White balance	auto, manual
width	145 mm