

# 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   |
| 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   |