

# Analog HD Mini Tube 2 MPx (1080p, 3.6 mm)

Art.-Nr. HDCC42501

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## Analogue HD Tube 2 MPx - detailed surveillance with existing technology

The Analogue HD Tube with 2 megapixels is suitable for indoor and outdoor use (IP67) and delivers clear images - even in difficult lighting conditions. The True WDR function ensures balanced brightness between the foreground and background, while Gecko + IR technology enables colour images even at night. Thanks to the motorised zoom, simple installation and precise focussing can be carried out by remote control. The camera is ideal for users who want to continue using existing coaxial cabling and at the same time benefit from modern image quality.

### Targeted detection of people and vehicles

When used with an ABUS Analogue HDCC900X2 recorder, the camera enables AI-supported analysis. It distinguishes between people and vehicles, which improves the detection of relevant movements and reduces the number of irrelevant notifications.

### Efficient retrofitting with existing infrastructure

Analogue HD technology makes it possible to modernise existing surveillance systems without replacing the existing coaxial or 2-wire cabling (via converters). Cameras and recorders can be easily replaced, which reduces time and installation effort. For reliable IR performance, the ambient conditions should be taken into account accordingly.

### IR range depends on the environment

The performance of the lighting depends greatly on the location. Dark surfaces or a lack of reflections can have a negative effect on the image - as can close, reflective objects.

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## Technologies

- 2 MPx resolution: 1920 x 1080 @ 25 fps
- True WDR effectively equalises light/dark contrasts
- Easy installation and focussing via remote access with the motorised zoom lens (2.8–12 mm)
- Powerful IR LED technology for improved illumination up to 40 m at night

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- Weatherproof (IP67) for outdoor use
- Integrated infrared LEDs with manual switching between IR and colour night vision
- Fewer false alarms thanks to AI-supported detection of people/vehicles with HDCC900X2 recorder
- Perfect for retrofitting: Transmission via conventional and existing CCTV infrastructure with coaxial cable
- Cable lengths of up to 250 m
- Wide variety of holders for straightforward, cost-efficient installation

## Technical data - Analog HD Mini Tube 2 MPx (1080p, 3.6 mm)

|                                          |                                       |
|------------------------------------------|---------------------------------------|
| Amplifier control                        | AGC, 4 level                          |
| Aperture at minimum illumination (color) | 2.0                                   |
| Application purpose                      | General surveillance                  |
| Backlight compensation                   | True WDR                              |
| Camera outputs                           | 1 x BNC (HD-TVI)                      |
| Camera type                              | Mini Tube                             |
| Colour                                   | white                                 |
| Compatible with Secvest                  | No                                    |
| Compatible with wAppLoxx                 | No                                    |
| Connections                              | 1 x BNC (HD-TVI), 1 x DC (5.5/2.1 mm) |
| Construction type of device              | Tube                                  |
| Current consumption                      | 300 mA                                |
| DC power supply                          | 12 V +/-25 % V                        |
| Day/night switching                      | Electromechanical IR cut filter       |
| Dimensions                               | (LxWxH) 163x61x58 mm                  |
| Dynamic range (WDR)                      | 120 dB                                |
| Electronic shutter                       | 1/50 – 1/500000 s                     |
| Focal length                             | 3.6 mm                                |
| Height                                   | 58 mm                                 |
| Horizontal viewing angle                 | 82.6 °                                |
| Housing material                         | Metal                                 |
| IR LEDs                                  | Yes                                   |
| IR range (up to)                         | 20 m                                  |
| Image integration                        | 2x - 16x                              |
| Image optimization                       | WDR, BLC, ATW, DNR                    |
| Image sensor                             | 1/3" Progressive Scan CMOS            |
| Length                                   | 163 mm                                |
| Lens                                     | Fix                                   |
| Lens mount                               | M12                                   |
| Max. Air humidity                        | 90 %                                  |

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|                              |                                                                      |
|------------------------------|----------------------------------------------------------------------|
| Max. Operating temperature   | 60 °C                                                                |
| Max. Resolution @ frame rate | 1080p @ 25 frames/s (50Hz)/1080p @ 30 frames/s (60Hz)                |
| Microphone                   | No                                                                   |
| Min. operating temperature   | -40 °C                                                               |
| Minimum illumination (IR)    | 0 lx                                                                 |
| Minimum illumination (color) | 0.1 lx                                                               |
| Minimum lighting (B/W)       | 0.01 lx                                                              |
| Net weight                   | 0.385 kg                                                             |
| Noise suppression            | 3D DNR                                                               |
| PSTI conformity needed       | No                                                                   |
| Picture elements (total)     | 1920 x 1080                                                          |
| Power consumption            | 4 W                                                                  |
| Privacy zones                | 8                                                                    |
| Product group                | Camera                                                               |
| Protection class IP          | 67                                                                   |
| Radio functions              | Motion Detection, Tripwire Detection and Intrusion Detection via DVR |
| Resolution                   | 2 MP                                                                 |
| Resolution modes             | 1920 x 1080                                                          |
| Technology                   | Electronics                                                          |
| Video channels HD-TVI        | 1                                                                    |
| Video system                 | HD-TVI                                                               |
| WEEE group                   | 09                                                                   |
| White balance                | ATW, manual                                                          |
| width                        | 61 mm                                                                |