

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.

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