

# Analogue HD Mini Tube 3 MPx (3.6 mm)



Art.-Nr. HDCC43500

Seite 1 von 3

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## Analogue Mini Tube 5 MPx - detailed surveillance with existing technology

The Analogue Mini Tube with 5 megapixels is suitable for indoor and outdoor use (IP67) and delivers clear, detailed 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. The camera is ideal for users who want to continue using existing coaxial cabling while benefiting 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 technology enables the modernisation of 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 heavily on the location. Dark surfaces or a lack of reflections can impair the image - as can close, reflective objects.

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## Technologies

- 5 MPx resolution: 2592 x 1944 @ 20 fps
- True WDR effectively compensates for light/dark contrasts
- Fixed lens with 2.8 mm focal length and 112° horizontal viewing angle
- Weatherproof (IP67) for outdoor use
- Integrated IR and white light LEDs with event-controlled switching (optional, controlled by DVR HDCC900X3)
- Fewer false alarms thanks to AI-supported detection of people/vehicles with HDCC900X3 recorder
- Perfect for retrofitting: Transmission via conventional and existing CCTV infrastructure with coaxial cable
- Cable lengths of up to 150 m
- Wide variety of holders for straightforward, cost-efficient installation

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Art.-Nr. HDCC43500

Seite 2 von 3

## Technical data - Analogue HD Mini Tube 3 MPx (3.6 mm)

Amplifier control	AGC, 4 level
Aperture at minimum illumination (color)	1.2
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	Mini Tube
Current consumption	420 mA
DC power supply	12 V +/-15 % V
Day/night switching	Electromechanical IR cut filter
Dimensions	(LxWxH) 154x59x56 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/50 – 1/50000 s
Focal length	3.6 mm
Height	56 mm
Horizontal viewing angle	67.8 °
Housing material	Metal
IR LEDs	Yes
IR range (up to)	20 m
Image optimization	WDR, BLC, ATW, DNR
Image sensor	1/3" Progressive Scan CMOS
Length	154 mm
Lens	Fix
Lens mount	M12
Max. Air humidity	90 %
Max. Operating temperature	60 °C
Max. Resolution @ frame rate	1920x1536 @ 18 frames/s (50Hz)/1920x1536 @ 18 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	DNR
PSTI conformity needed	No

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Seite 3 von 3

## Technical data - Analogue HD Mini Tube 3 MPx (3.6 mm)

Picture elements (total)	2052 x 1536
Power consumption	5 W
Protection class IP	67
Radio functions	Motion Detection, Tripwire Detection and Intrusion Detection via DVR
Resolution	3MPx
Resolution modes	1920 x 1536
Video channels HD-TVI	1
Video system	HD-TVI
White balance	ATW, manual
width	59 mm