

# Analog HD Mini Tube 5 MPx (2.8 mm)

Art.-Nr. HDCC45500

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ABUS Analogue HD: Analogue images have never been so clear

The Analogue HD Mini Tube 5 MPx has a high-quality image sensor for the surveillance of extensive indoor and outdoor areas. This ensures it provides a razor sharp and fluid image, for better detail recognition. The Analogue HD Mini Tube 5 MPx with True WDR A high-performance True WDR function ensures evenly lit foregrounds and backgrounds in high-contrast light situations.

24/7 indoor and outdoor surveillance

The automatic day/night switching offered by the improved IR LED technology provides for better image lighting under varying light conditions. The Analogue HD Mini Tube is robust in the face of wind and weather thanks to its IP67 protection class.

Analogue HD technology: Ideal for inexpensive retrofitting

Using the infrastructure already installed offers flexible retrofitting possibilities. Simply exchange the cameras and recorders and get better performance from your existing video surveillance systems. You can continue to use your existing coaxial or 2-wire cable.

The effective IR range will depend on the installation location. If there are surfaces that absorb light or no objects that reflect IR light in the field of view, the IR range will be reduced and/or the video image will be too dark. Reflective objects in the immediate vicinity of the camera (e.g. roof gutter or wall) may also result in the reflection of IR light, which can disturb the image.

## Technologies

- 5 MPx Resolution: 2592 x 1944 @ 20 fps
- True WDR effectively compensates for light/dark contrast
- Fixed lens, 2.8 mm
- Powerful IR LED technology for improved illumination of up to 20 m at night

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- Weatherproof (IP67) for outdoor use
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- Perfect for retrofitting: Transmission using conventional and existing CCTV infrastructure, such as coaxial or 2-wire cables
- Cable length of up to 500 m possible without loss
- Wide variety of holders for straightforward, cost-efficient installation

## Technical data - Analog HD Mini Tube 5 MPx (2.8 mm)

Amplifier control	AGC, 3 level
Aperture at minimum illumination (colour)	F1.2
Backlight compensation	True WDR
Camera outputs	1 x BNC
Camera type	Mini Tube
Compatible with Secvest	No
Compatible with wAppLoxx	No
Connections	1 x BNC (HD-TVI), 1 x DC (5.5/2.1 mm)
DC voltage supply	12 V +/-15 % V
Day/night switching	Electromechanical IR cut filter
Design	Tube
Dimensions	(LxWxH) 154x59x56 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/50 – 1/500000 s
Focal length	2.8 mm
Functions	Motion Detection, Tripwire Detection and Intrusion Detection via DVR
HD-TVI video channels	1
Height	56 mm
Horizontal viewing angle	98.0 °
Housing material	Metal
IP protection class	67
IR LEDs	Yes
IR range (up to)	20 m
Image enhancement	WDR, BLC, ATW, DNR
Image sensor	1/2.7" Progressive Scan CMOS
Length	154 mm
Lens	Fix
Lens mount	M12
Max. humidity	90 %
Max. operating temperature	60 °C

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## Technical data - Analog HD Mini Tube 5 MPx (2.8 mm)

Max. resolution @ frame rate	2592x1944 @ 20 frames/s
Microphone	No
Min. operating temperature	-40 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,03 lx
Net weight	0,35 kg
Noise reduction	DNR
PSTI conformity required	No
Power consumption	480 mA
Private zones	4
Protocols	Coax
Resolution	5 MP
Resolution modes	2592 x 1944
Technology	HD-TVI, CVI, AHD, FBAS
Vertical viewing angle	50 °
Video system	HD-TVI, CVI, AHD, FBAS
White balance	ATW, manual
Width	59 mm