Analog HD Mini Tube 5 MPx (2.8 mm)

Art.-Nr. HDCC45500

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.

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

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- 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

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

Amplifier control	AGC, 3 level
Aperture at minimum illumination (color)	F1.2
Application purpose	General surveillance
Article program	Professional
Backlight compensation	True WDR
Camera outputs	1 x BNC
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	480 mA
DC power supply	12 V +/-15 % V
Day/night switching	Electromechanical IR cut filter
Depth	154 mm
Dimensions	(LxWxH) 154x59x56 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/50 – 1/50000 s
Focal length	2.8 mm
Height	56 mm
Horizontal viewing angle	98.0 °
Housing material	Metal
IR LEDs	Yes
IR range (up to)	20 m
Image optimization	WDR, BLC, ATW, DNR
Image sensor	1/2.7" Progressive Scan CMOS
Length	154 mm
Lens	Fix
Lens mount	M12
Max. Air humidity	90 %
Max. Operating temperature	60 °C
Max. Resolution @ frame rate	2592x1944 @ 20 frames/s

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Microphone	No
Min. operating temperature	-40 °C
Minimum illumination (IR)	0 lx
Minimum illumination (color)	0.03 lx
Net weight	0.375 kg
Noise suppression	DNR
PSTI conformity needed	No
Power consumption	5.8 W
Privacy zones	4
Product group	Camera
Protection class IP	67
Protocols	Coax
Radio functions	Motion Detection, Tripwire Detection and Intrusion Detection via DVR
Radio networked	No
Resolution	5 MP
Resolution modes	2592 x 1944
Technology	Electronics
Vertical angle of view	50 °
Video channels HD-TVI	1
Video motion detector included	No
Video system	HD-TVI, CVI, AHD, FBAS
WEEE group	09
White balance	ATW, manual
width	59 mm

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