

## Analogue HD Tube 3 MPx (2.8 mm–12 mm)

Art.-Nr. HDCC63550

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- Resolution: 1920 x 1536 px @ 18 fps
  - 42 % more image data compared to 2 MPx
  - True WDR effectively compensates for light/dark contrast
  - Easy installation and focussing via remote access with the motorised zoom lens (2.8–12 mm)
  - Powerful IR LED technology for improved illumination of up to 40 m at night
  - Weatherproof (IP67) for outdoor use
  - 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
  - Only compatible with Analogue HD Video Recorder HDCC90001, HDCC90011 and HDCC90021
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**ABUS Analogue HD: Analogue images have never been so clear**

The Analogue HD Tube 3 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 Tube 3 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 Tube is robust in the face of wind and weather thanks to its IP67

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protection class. Simple installation thanks to the motorised zoom lens and large range of ABUS brackets The installed camera is focussed easily via remote access using the recorder and can, therefore, be installed by just one person. The large range of brackets offers flexibility for any installation location.

**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.

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## Technical Data

AC voltage supply	24 V +/-15 %V
Amplifier control	AGC, 4 level
Aperture at minimum illumination (color)	1.2
Backlight compensation	True WDR
Camera outputs	1 x BNC (HD-TVI), 1 x BNC (FBAS)
Camera type	Tube
Certifications	CE, RoHS, Reach
Compatible with Secvest	No
Compatible with wAppLoxx	No
Connections	1 x BNC (HD-TVI), 1 x BNC (FBAS), 1 x DC/AC (2-Pin)
DC voltage supply	12 V +/-15 %V
Day/night switching	Electromechanical IR cut filter
Design	Tube
Dynamic range (WDR)	120dB
Electronic shutter	1/50 – 1/50000 s
Focal length	2.8 – 12mm
HD-TVI video channels	1
Height	89mm
Horizontal angle of view	26.8 – 83.0°
Housing material	Metal
IP protection class	67
IR LEDs	Yes
IR range (up to)	40m
Image enhancement	WDR, BLC, ATW, DNR
Image sensor	1/3" Progressive Scan CMOS
Length	270mm
Lens	Motor-Zoom

Lens mount	14 mm
Max. 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 (B/W)	0,01lx
Minimum illumination (IR)	0lx
Minimum illumination (color)	0,1lx
Net weight	0,9kg
Noise reduction	DNR
Optical zoom	4.2 x
Pixels (total)	2052 x 1536pixel
Power consumption	9W
Power consumption	420mA
Resolution	3MPx
Resolution modes	1920 x 1536pixel
Technology	HD-TVI
Video system	HD-TVI
White balance	ATW, manual
Width	92mm