

# Outdoor Analogue HD Tube IR 720p Vario

Art. no. HDCC61510

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- HD 720p resolution: 1280 x 720 @ 25 fps
- Transmission using conventional CCTV infrastructure (coaxial cable up to 500 metres)
- Vario lens, 2.8–12 mm
- 1/3" CMOS image sensor
- With 42 IR LEDs for night vision, up to approx. 40 m range
- 3D DNR function for noise-free images
- DWDR function to compensate for image contrasts
- Weatherproof camera housing and mount with internal cable routing (IP66)

High resolution HD-TVI technology with a 500 m transmission range

This high-resolution outdoor HD-TVI tube camera is the right choice for any application and features HD-TVI technology in HD resolution that is quick to install. With protection class IP66, a 2.8–12 mm Vario lens, 1/3" CMOS image sensor and 42 integrated infrared LEDs, it can be used in all environments, even poorly lit locations and even in complete darkness, both indoors and in sheltered outdoor areas.

Suitable for unsheltered outdoor areas

The sturdy construction (IP66) guarantees that the camera is flawless even in adverse weather conditions, making it perfectly suitable for outdoor areas – without the need for extra weather-protection housing. The cables are completely internal (in the mount) and are thus optimally protected against weather conditions and tampering. Focus, zoom and IR light (intensity/angle) can be set externally, enabling quick installation.

Automatic backlight compensation

The integrated DWDR function compensates differences in contrast and brightness and is therefore suitable for backlight. The 3D DNR function provides noise-free images with optimal dodging.

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## Technical Data:

Connections	1 x BNC (HD-TVI), 1 x BNC (FBAS), 1 x DC/AC (2-Pin)
Resolution modes	720p pixel
Image sensor	1/3 inch progressive scan CMOS
Pixels (effective)	1280 x 720 pixel
Image integration	2x–16x
Focal length	2.8–12.0 mm
Digital zoom	Yes
Electronic shutter	1/25–1/50000 s
Backlight compensation	DWDR
Housing material	Metal
Horizontal angle of view	28°–78° °
IR LEDs	24
IR range	40 m
Camera outputs	1 x BNC (HD-TVI), 1 x BNC (FBAS, service)
Camera type	Outdoor tube
Power consumption	6 W
Humidity	0–90%
Max. resolution @ frame rate	720p @ 25 frames/s (50 Hz) / 720p @ 30 frames/s (60 Hz)
Max. operating temperature	60 °C
Max. humidity	90 %
Min. operating temperature	-20 °C
Minimum illumination (color)	0.1 Lux
Minimum illumination (IR)	0 Lux
Minimum illumination (B/W)	0.01 Lux

Net weight	0.9 kg
Lens	2.8–12.0 mm
Lens control	AES
Optical zoom	4x
Private zones	8
Noise reduction	3D-DNR
IP protection class	66
AC voltage supply	24 V
DC voltage supply	12, +/-10% V
Language of instructions	DE, UK, FR, NL, DK, PL, RU
OSD language	UK
Packaging language	DE, UK, FR, NL, DK, PL, RU
Control	ABUS-C (on-screen display, control via coax)
Power consumption	500 mA
Day/night switching	Electromechanical IR cut filter
Amplifier control	AGC
Video system	HD-TVI
White balance	ATW
Certifications	CE, RoHS, REACH