Analogue HD 1080p Outdoor Dome Camera

ABUS
Security Tech Germany

This outdoor camera provides high-resolution images in HD 1080p and is easily connected to a recorder or monitor using a conventional analogue combined video cable (image and power).

Reliable data transmission at high resolution
Analogue HD cameras offer the best of both worlds, providing secure, problem-free transmission - knowledge of IPs not required - via analogue combined video cable, and also HD resolution with 1080p at 25 frames per second, a performance otherwise only attributed to megapixel cameras from IP technology. And all of this at attractive value for money.

Weatherproof surveillance around the clock
The dome camera is installed in a robust housing with IP66 protection class and is therefore ideal for outdoor use in all kinds of weather. The integrated High-power IR LED and automatic day/night switching provide reliable surveillance day and night. The integrated noise reduction also ensures that the camera produces sharp images even in low lighting conditions.

Easy commissioning
Thanks to the supplied combined cable and plug-and-play installation, the camera can be mounted on the ceiling or wall and started up immediately. Even existing BNC cabling can be used.

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

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- Detailed high resolution, with 1920 x 1080 pixels at 25 images per second
- Sturdy weatherproof camera housing (IP66)
- High-power IR LED for night vision, range up to approx. 20 m
- Intelligent IR for clear images without over-illumination
- Automatic day/night switching
- Can be mounted on ceilings and walls
- Including 1 x 30 m combined video cable (video signal + power supply)
- Plug-and-play installation and connection using a BNC connector, including for existing analogue cables
- Features WDR function for backlight compensation – ideal for entrance areas
- Noise reduction (DNR) for clear images even at low light levels

Technical data - Analogue HD 1080p Outdoor Dome Camera

Amplifier control	AGC
Backlight compensation	True WDR, HSBLC, BLC
Camera outputs	1x BNC (HD-TVI), 1x BNC (FBAS, Service)
Certifications	CE, RoHS, Reach
Connections	Video signal (HD-TVI, BNC), video signal (FBAS, BNC), power supply
Control	ABUS-C (on-screen display, control via coax)
DC voltage supply	12, +/-15 % V
Day/night switching	Electromechanical IR cut filter
Digital zoom	Yes
Dimensions	(ØxH) 114,6 x 89,1 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/25 – 1/50000 s
Focal length	2,8 mm
Functions	Defog, D-Zoom, Smart D-Zoom, DPC, camera title
Height	89 mm
Horizontal viewing angle	103,5 °
IP protection class	66
IR LEDs	Yes
IR range (up to)	20 m
Image integration	2x - 16x
Image sensor	2 MP CMOS Image Sensor
Language of instructions	English, German, French, Dutch, Danish, Italian, Polish, Spanish, Swedish
Language packing	English, German, French, Dutch, Danish, Italian, Polish, Spanish, Swedish
Max. humidity	90 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	1080p @ 25 frames/s (50 Hz) / 1080p @ 30 frames/s (60 Hz)
Min. operating temperature	-20 °C

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Minimum illumination (B/W)	0,01 lx
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,1 lx
Net weight	0,42 kg
Noise reduction	2D DNR, 3D DNR
PSTI conformity required	No
Pixels (effective)	1920 x 1080 pixel
Pixels (total)	1944 x 1092 pixel
Power consumption	4 W
Private zones	8
Resolution modes	1080p
Signal-to-noise ratio	> 62 dB
Technology	HD-TVI
Video system	HD-TVI
White balance	ATW
Width	115 mm