

# Analog HD 32x PTZ Dome IR 2 MPx

Art.-Nr. HDCC82501

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## Detailed surveillance of large areas

The outdoor analogue HD PTZ dome camera enables flexible surveillance especially of large areas. Numerous control options, a high-quality zoom lens and alarm functions provide efficient surveillance of outdoor areas, shops or security-relevant areas.

## Full HD up to a maximum range of 500 metres

The video image data is transmitted up to 500 metres via coaxial cable. The 3D DNR function provides noise-free image results.

## Pan, tilt and powerful zoom

With the 30x autofocus motorised zoom and 16x digital zoom, the desired image section can be brought into the picture even across great distances. The movement can be automated and the camera can use eight freely configurable surveillance tours to manage up to 32 preset positions. The viewing direction can also be controlled manually, allowing people and moving objects to be easily tracked.

## Night-vision LEDs and image optimisation in all lighting conditions

The 1/2.8" CMOS sensor produces colour images in full HD at a rate of 25 images per second, supported by automatic white balance and precise glare control. The day/night function with automatically swivelling IR cut filter means the camera can be used 24 hours a day. The camera lens compensates for all types of backlight and produces good images even in low light, thanks to the powerful image noise compensation (3D DNR). The integrated infrared lighting (IR LEDs) provides good image results even in complete darkness. Thanks to a range of up to 80 m, even large areas can be well illuminated, ideal for approach area or perimeter surveillance.

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## Robust outdoor surveillance

The outdoor dome with protection class IP66 withstands all weather and has integrated heating.

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

- 2 MPx (Full HD 1080p) Resolution: 1920 x 1080 @ 25 fps
- Transmission using conventional CCTV infrastructure (coaxial cable up to 500 metres)
- 1/2.8" CMOS image sensor
- Optical zoom: 32 x
- Digital zoom: 16 x
- With IR LEDs for night vision, approx. 150 m range
- 3D DNR function for noise-free images
- Pan speed: max. 160°/s, tilt speed: max. 120°/s

## Technical data - Analog HD 32x PTZ Dome IR 2 MPx

AC voltage supply	24 V +/-25 % V
Aperture at minimum illumination (colour)	1.6
Backlight compensation	WDR, BLC
Camera outputs	1 x BNC (HD-TVI)
Camera type	PTZ
Compatible with Secvest	No
Compatible with wAppLoxx	No
Connections	1 x BNC (HD-TVI), 1 x RS-485 (2-Pin)
Control	Coax, RS-485
Day/night switching	Electromechanical IR cut filter
Design	PTZ
Dimensions	(D x H) 220x354 mm
Dynamic range (WDR)	70 dB
Focal length	4.8 – 153.0 mm
HD-TVI video channels	1
Height	354 mm

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Horizontal viewing angle	2 – 54 °
Housing material	Metal
IP protection class	66
IR LEDs	Yes
IR range (up to)	120 m
Image enhancement	WDR, BLC, AWB, 3D DNR
Image sensor	1/2.8" Progressive Scan CMOS
Length	220 mm
Lens	Motor-Zoom
Max. humidity	90 %
Max. operating temperature	65 °C
Max. speed	max. 160°/s (pan), max. 120°/s (tilt)
Min. operating temperature	-30 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,005 lx
Net weight	4,5 kg
Noise reduction	3D DNR
Number of IR LEDs	6
OSD language	EN
Optical zoom	32x
Pan/tilt range	360°, -15° – 90°
Pixels (effective)	1920 x 1080 pixel
Power consumption	1.700 mA
Private zones	8
Protection class IK	10
Resolution	2 MP
Technology	HD-TVI
Video system	HD-TVI
White balance	auto, manual
Width	220 mm