



360° or 180° panoramic monitoring

The compact three megapixel hemispheric indoor IP dome camera offers an uninterrupted 360° field of vision, thus opening up new possibilities for use, and making it the ideal camera solution for a wide range of environments.

Ideal indoors

The camera can be used to monitor activity, track the flow of foot traffic and optimise building management. The integrated IRs have a range of approximately five metres, and boast clear video images - even at night. Power over Ethernet (PoE) facilitates the installation process.

A loudspeaker and a microphone can be connected using the audio inputs and outputs, and external sounders - such as sirens or lights - can be triggered over alarm inputs and outputs, reacting in the event of any detection.

Flexible views - simple operation

There are five image display options: 360° image, panorama image, double-panorama image, 360° view with three freely configurable positions, as well as a panorama image with three freely configurable positions.

The camera is easy to operate using the online interface: digital panning, tilting and zooming is incredibly easy to control, and the camera patrols are freely configurable.

The dewarping takes place in the camera and not later on the computer. This drastically reduces the image data before it is transferred and saved and lowers the volume of network traffic.

Please note, that the camera has 5 streams.

1. Stream Fisheye View
2. Stream Panorama View
- 3.+4.+5. Stream PTZ Views

In order to use all 5 streams at one time in a NVR or software you have to provide 5 free channels.

Note:

An installation box (TVAC31280) and an installation box with ceiling bracket (TVAC31290) are available as extra accessories.

IP Fisheye 3 MPx

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Technologies

- 360°/180° panorama views with up to 3 MPx resolution
- 3 MPx Resolution: 2.048 x 1.536 @ 25 fps
- 4 live image modes for different monitoring scenarios
- WDR
- Digital, stageless panning, tilting or zooming without
- With alarm in- and output and audio in- and output

Technical data - IP Fisheye 3 MPx

Alarm generation	Yes
Alarm input (NO/NC)	1
Alarm output	1
Aperture at minimum illumination (color)	2.8
Application purpose	Area monitoring (PTZ)
Audio	Yes
Backlight compensation	BLC
Camera type	Hemispheric
Colour	RAL9003
Compatible with	NVR, Hybrid DVR, iDVR Plus (HD)
Compatible with ABUS Link Station	No
Compatible with Secvest	No
Compatible with wAppLoxx	No
Compatible with wAppLoxx Pro	No
Connections	1 x RJ45, 1 x DC, 1 x Alarm-In, 1 x Alarm-Out, 1 x Audio-In, 1 x Audio-Out
Construction type of device	Hemispheric
Control unit	ePTZ
Current consumption	950 mA
DC power supply	12 (+/-10 %) V
Day/night switching	ICR/Color/B/W
Depth	44 mm
Digital zoom	ePTZ
Dimensions	164 x 153 x 44 mm
Electronic shutter	1/25 s - 1/1000000 s
Encryption	HTTPS
Focal length	1.27 mm
Frame rate	25

IP Fisheye 3 MPx

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Technical data - IP Fisheye 3 MPx

Height	44 mm
Horizontal viewing angle	180 / 360 °
ICR day/night function	Yes
IR LEDs	Yes
IR range (up to)	15 m
Image optimization	WDR, 3D DNR, BLC
Image sensor	1/3" Progressive Scan CMOS
Language Manual	DE, UK, FR, NL, DK, PL, RU
Language OSD	DE, UK, FR, NL, DK, PL
Length	153 mm
Lens	Fix
Max. Air humidity	85 %
Max. Operating temperature	60 °C
Max. Resolution @ frame rate	2048 x 1536 @ 25 fps
Microphone	Yes
Min. operating temperature	10 °C
Minimum illumination (IR)	0 lx
Minimum illumination (color)	0.28 lx
Motion detection	Yes
Net weight	0.657 kg
Network bandwidth Video	64 kBit/s - 16 MBit/s
Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SMTP, Bonjour, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ONVIF
Network connection	RJ45
Network connection LAN	RJ45
Noise suppression	3D DNR
Number of IR LEDs	3
Pan/tilt range	360°/80° (ePTZ)
Pixels (effective)	2048(H) x 1536(V)
PoE Standard	IEEE 802.3af
Power consumption	11 W
Product group	Camera
Protection class IP	24
Resolution	3MPx
Resolution modes	Mode 1: 2048x1536 @ 25 fps (Fisheye) OR 4 x 800x600 @ 25 fps (ePTZ) / Mode 2: 1536x1536 @ 20 fps (Fisheye) AND 1600x1200 @ 20 fps (Dual-Panorama) AND 3 x 800x600 @ 20 fps (ePTZ)
Storage medium	microSD (128 GB)
Supported browsers	IE10, IE11, Chrome

IP Fisheye 3 MPx



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Technical data - IP Fisheye 3 MPx

Video compression	H.264, MJPEG
Video system	IP
White balance	AWB
width	164 mm