



## 360° or 180° panoramic monitoring

The compact, weatherproof 12megapixel hemispheric outdoor IP dome camera offers an uninterrupted 360° field of vision, opening up new potential applications. It is the ideal camera solution for a wide range of environments, both indoors and outdoors. When mounted on the ceiling, the camera gives the option of monitoring an entire room.

## Flexible installation

The camera is specially designed for outdoor use (within a temperature range of -25° to 60°) and can be used to monitor activity from above. The heat map function enables the analysis of pedestrian flows, e.g. in retail. The integrated IRs have a range of approximately 15metres, and boast clear video images - even at night. Power over Ethernet (PoE) facilitates the installation process and the loudspeaker and the integrated microphone enable two-way audio communication via the camera's web interface using a microphone linked up to a computer.

## Flexible views - simple operation

There are several image display options, including 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.

Dewarping is carried out on the camera itself as opposed to the PC, so the volume of image data is drastically reduced before transmission and storage, thus reducing the load on the network.

In order to be able to use all 4 streams to their full extent, 4 free channels need to be available in an NVR or a software program.

## Technologies

# IP Fisheye 12 MPx

Art.-Nr. IPCS24500

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- 360°/180° panoramic views with up to 12 MPx resolution
- 12 MPx Resolution: 4.000 x 3.072 @ 20 fps
- Four live image modes for different monitoring scenarios
- DWDR
- Vandalism and weather protected housing (IK10 & IP66)
- IR LEDs (range up to 15m)
- Heat map
- Digital, stageless panning, tilting or zooming without mechanical camera movement
- Freely configurable patrols (panning/tilting)

## Technical data - IP Fisheye 12 MPx

Alarm input (NO/NC)	1
Alarm output	1
Alarming	Yes
Aperture at minimum illumination (colour)	2,4
Audio	Yes
Backlight compensation	WDR
Camera type	Outdoor hemispheric
Colour	RAL9003
Compatible with	NVR
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
Control	ePTZ
DC voltage supply	12 (+/-10 %) V
Day/night switching	ICR/Color/B/W
Depth	44 mm
Design	Hemispheric
Digital zoom	ePTZ
Dimensions	164 x 164 x 44 mm
Dynamic range (WDR)	70 dB
Electronic shutter	1/3 s - 1/100000 s
Encryption	HTTPS
Focal length	2 mm

# IP Fisheye 12 MPx

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## Technical data - IP Fisheye 12 MPx

Frame rate	25
Functions	Heat Map
Height	44 mm
Horizontal viewing angle	180/360 °
Housing material	Metal
ICR day/night function	Yes
IP protection class	66
IR LEDs	Yes
IR range (up to)	15 m
Image enhancement	3D DNR, WDR, BLC
Image sensor	1/1.7" Progressive Scan CMOS
Installation type	Wall/Ceiling
LAN network access	RJ45
Language of instructions	DE, UK, FR, NL, DK, PL, IT
Length	164 mm
Lens	Fix
Max. humidity	85 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	4000 x 3072 @ 20 fps
Microphone	Yes
Min. operating temperature	-25 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,04 lx
Motion detection	1
Network access	RJ45
Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ONVIF, ABUS Server
Noise reduction	3D DNR
Number of IR LEDs	3
OSD language	DE, UK, FR, NL, DK
Other functions	Heat Map
Pan/tilt range	360°/80° (ePTZ)
Pixels (effective)	4000(H) x 3072(V) pixel
PoE standard	IEEE 802.3af
Power consumption	950 mA
Protection class IK	10
Resolution	12 MP
Resolution modes	Fisheye (max. 4000x3072 @ 20 fps) or Panorama (max. 3072x2304 @ 15 fps) or 4xPTZ (1600x1200 @ 15 fps) or Fisheye+3xPTZ (max. 2560x2560 @ 10 fps / 1600x1200 @ 10 fps)

# IP Fisheye 12 MPx



Security Tech Germany

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## Technical data - IP Fisheye 12 MPx

Storage medium	microSD (128 GB)
Supported browsers	IE10, IE11
Technology	IP
Video compression	H.264, MJPEG
Video network bandwidth	256 kBit/s - 16 MBit/s
Video system	IP
White balance	AWB
Width	164 mm