

IP Fisheye 12 MPx

Art. no. IPCS24510

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- 360°/180° panoramic views with up to 12 MPx resolution
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- Freely configurable patrols (panning/tilting)
- Four live image modes for different monitoring scenarios
- Digital WDR
- Vandalism and weather protected housing (IK10 & IP67)
- IR LEDs (range up to 15m)
- Heatmap
- Digital, stageless panning, tilting or zooming without mechanical camera movement

360° or 180° panoramic monitoring The compact, weatherproof 12 megapixel 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 -30° 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 15 metres, 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.

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Technical Data:

Installation	Wall/Ceiling	Electronic shutter	1 s - 1/100000 s
IK protection class	10	Backlight compensation	DWDR
Color	white	Housing material	Metal
Depth	44 mm	Height	44 mm
Image enhancement	DWDR, BLC, HLC, 3D-DNR	Horizontal angle of view	180 °
Compatible with Secoris	No	IR LEDs	Yes
ICR day/night function	Yes	IR range (up to)	15 m
Technology	IP	Camera type	Outdoor hemispheric
Design	Hemispheric	Length	164 mm
Compatible with Secvest	No	Max. resolution @ frame rate	4000 x 3072 @ 20 fps
Compatible with wAppLoxx	No	Max. operating temperature	60 °C
Vertical angle of view	360 °	Max. humidity	85 %
Other features	Heat Map, Intersection analysis	Microphone	Yes
Compatible with ABUS Link Station	No	Min. operating temperature	-40 °C
Dimensions	164 x 164 x 44 mm	Minimum illumination (color)	0,015 lx
Alarming	Yes	Minimum illumination (IR)	0 lx
Connections	1 x RJ45, 1 x DC, 1 x Alarm-In, 1 x Alarm-Out, 1 x Audio-In, 1 x Audio-Out	Video network bandwidth	256 kBit/s - 16 MBit/s
Number of IR LEDs	3	Network access	RJ45
Audio	Yes	LAN network access	RJ45
Resolution	12 MP	Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SMTP, SNMP, IGMP, 802.1X, QoS, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP
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)	Lens	Fix
Motion detection	Yes	PoE Standard	IEEE 802.3at
Image sensor	1/1.7" Progressive Scan CMOS	Private zones	4
Pixels (effective)	4000(H) x 3072(V) pixel	Noise reduction	3D DNR
Frame rate	20	IP protection class	67
Aperture at minimum illumination (color)	1,2	Pan/tilt area	360°/80° (ePTZ)
Width	164 mm	DC voltage supply	12 (+/-20 %) V
Focal length	1,29 mm	Storage medium	microSD (128 GB)
Digital zoom	ePTZ	Language of instructions	DE, UK, FR, NL, DK
		OSD language	DE, UK, FR, NL, DK
		Control	ePTZ
		Power consumption	1.000 mA
		Day/night switching	ICR/Color/B/W
		Supported browsers	IE11, Chrome, Firefox, Edge

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Technical Data:

Encryption	HTTPS
Video compression	H.264, MJPEG

Video system	IP
White balance	AWB