IP Tube 2 MPx (1080p, 3 - 9 mm, 3 x WDR)

Art.-Nr. IPCA62510

- 2 MPx (Full HD 1080p) resolution: 1920 x 1.080 @ 30 fps
- 3 - 9 mm Tamron motor zoom lens
- Ultra low-light performance for excellent results in low-light environments
- 150 dB WDR function to compensate for image contrasts
- Vandalism and weather protected housing (IK10 & IP67)
- IR LEDs (range up to 30m)
- Supports H.264, H.265, MJPEG (incl. dynamic GOP)
- microSD card slot for internal data storage
- 12 V DC & PoE (802.3af)

The IP Tube provides video streams in 2 MPx resolution with up to 30 fps. The light-sensitive Sony image sensor proves its worth in extreme light situations. The camera provides detailed images in almost total darkness and masters the extreme challenges in a backlight situation due to the outstanding WDR function (~ 150 dB).

The impact, dust- and water-resistant IP67 / IK 10 housing protects against sabotage and vandalism. Due to the integrated IR LEDs the camera can be used at day and night. Access to the camera is possible any time via app.

Best overview

The light-sensitive Tamron motor zoom lens with a focal length of 3 - 9 mm provides a horizontal viewing angle of 35-90°. Focal length and focusing can be adjusted conveniently and precisely remote via the web interface.

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Recording and compatibility

The recording can be done either on an ABUS recorder, 3rd party video management software or locally on a microSD card. Furthermore, the camera is compatible with the ABUS Secvest alarm center and the ABUS access control system wAppLoxx.

Comfortable installation

The IP Tube is mounted on the ceiling or optionally on the wall. We recommend the ABUS installation box (in scope of delivery), which allows a protected cabling to wall or ceilings. The free "ABUS IP Installer" software is available for simple setup in the network. The software finds the camera quickly and easily within the network and supports during the installation process.

Note: The camera does not come with a power supply, as it can be powered via PoE.

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.

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Technical Data

AC voltage supply	24V		Functions	Motion Detection (NVR/microSD), Scene Change, Cover Detection
Alarm input (NO/NC)	1			
Alarming	E-Mail, FTP, NAS, Alarm output			
			Height	87mm
Aperture at minimum illumination (color)	F1.3 (Wide) / F2.2 (Tele)		Horizontal angle of view	35 – 90°
			Housing material	Metal
Audio	2-Way, Full-Duplex		ICR day/night function	Yes
Backlight compensation	DOL WDR (3X Shutter), WDR (2X Shutter)		IK protection class	10
			IP protection class	67
Camera type	Tube		IR LEDs	Yes
Color	RAL9003		IR range (up to)	30m
Compatible with ABUS Link Station	No		Image enhancement	DOL WDR, BLC, 3D DNR, Vertical Display, Privacy Mask, Anti-Flicker
Compatible with Secvest	No			
Compatible with wAppLoxx	No		Image sensor	1/2.8" Sony Exmor R™ STARVIS™ CMOS
Compatible with wAppLoxx Pro	No			
			Installation	Wall/Ceiling
Connections	1 x RJ45, 1 x AC/DC, 1 x micro USB (Service), 1 x Alarm input, 1 x Alarm output, 1 x Audio Out, 1 x Audio In		LAN network access	RJ45
			Length	287mm
			Lens	Motor-Zoom
			Lens control	P-Iris
			Max. humidity	90%
DC voltage supply	12V		Max. operating temperature	55°C
DSP	Ambarella S3			
Day/night switching	ICR / Color / B/W		Max. resolution @ frame rate	1920 x 1080 @ 30 fps
Design	Tube			
Dynamic range (WDR)	150dB		Microphone	No
Electronic shutter	Auto (WDR Mode) / 1/25600 - 1/50		Min. operating temperature	-25°C
Encryption	HTTPS, TLS, RTSP/TLS, JSON Web Token		Minimum illumination (IR)	0lx
			Minimum illumination (color)	0,001lx
Focal length	3.0 - 9.0mm		Motion detection	3 areas
Frame rate	25/30 images/sec (50/60 Hz)		Network access	RJ45

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Network camera protocols	IPv4, IPv6, HTTP, HTTPS, SMTP, SNMP, UPnP, DNS, DDNS, NTP, RTSP, RTSP/TLS, RTP, TCP, UDP, TLS, QoS, DHCP, ABUS Server		Signal-to-noise ratio	50dB
Noise reduction	3D DNR		Storage medium	Optional microSD card (max. 256 GB)
Number of IR LEDs	6		Supported browsers	IE11, Mozilla Firefox, Google Chrome [Plug-In frei]
Number of users	10		Technology	IP
Optical zoom	3x		Video Content Analysis (VCA)	Tripwire, Intrusion Detection, Human Detection, Object Counting
Pixels (effective)	1920x1080pixel			
Pixels (total)	1945x1097pixel		Video compression	Stream 1-3: H.264, H.265, Main/High/Baseline Profile, Dynamic GOP, MJPEG
PoE Standard	IEEE 802.3af (PoE), class 3			
Power consumption	1.000mA		Video network bandwidth	64 kBit/s - 10 MBit/s
Private zones	8		Video system	IP
Relay output	1		White balance	AWB, manual
Resolution	2MPx		Width	89mm
Resolution modes	Stream 1: 1.920 x 1.080 @ 25 fps, Stream 2: 640 x 360 @ 25 fps, Stream 3: 1.920 x 1.080 @ 25 fps (WDR 2x) / 640 x 360 @ 25 fps (WDR 3x)			