

IP Tube 8 MPx (4K, 4.3 - 8.6 mm)

Art.-Nr. IPCA68500



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- 8 MPx (4K) Resolution: 3.840 x 2.160 @ 30 fps
 - 4.3 - 8.6 mm motor zoom lens
 - IR LEDs (range up to 30m)
 - Supports H.264, H.265, MJPEG (incl. dynamic GOP)
 - microSD card slot for internal data storage
 - 120 dB WDR function to compensate for image contrasts
 - Vandalism and weather protected housing (IK10 & IP67)
 - 12 V DC & PoE (802.3af)
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The IP Tube provides video streams in 8 MPx resolution with up to 30 fps. The light-sensitive Sony image sensor proves itself 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 (~ 120 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 4.3 - 8.6 mm provides a horizontal viewing angle of 48-95 °. Focal length and focusing can be adjusted conveniently and precisely remote via the web interface.

Recording and compatibility

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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. The installation box is included in scope of delivery and eases the installation. 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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AC voltage supply	24 V
Alarm input (NO/NC)	1
Alarming	E-Mail, FTP, NAS, Alarm output
Aperture at minimum illumination (color)	F1.5 (Wide) / F2.4 (Tele)
Audio	2-Way, Full-Duplex
Backlight compensation	WDR
Camera type	Tube
Color	white
Compatible with Sec-vest	Yes
Compatible with wAppLoxx	Yes
Connections	1 x RJ45, 1 x AC/DC, 1 x micro USB, 1 x Alarm input, 1 x Alarm output, 1 x Audio Out, 1 x Audio In
DC voltage supply	12 V
DSP	Ambarella S5
Day/night switching	ICR / Color / B/W
Design	Tube
Dimensions	(WxHxD) 89x84x287 mm
Dynamic range (WDR)	120 dB
Electronic shutter	Auto (WDR Mode) / 1/25600 - 1/50
Encryption	HTTPS, TLS, RTSP/TLS, JSON Web Token

Focal length	4.3 - 8.6 mm
Frame rate	25/30 images/sec (50/60 Hz)
Functions	Scene Change, Cover Detection
Height	84 mm
Horizontal angle of view	48 – 95 °
Housing material	Metall
ICR day/night function	Yes
IK protection class	10
IP protection class	67
IR LEDs	Yes
IR range (up to)	30 m
Image enhancement	WDR, BLC, 3D DNR, Vertical Display, Privacy Mask, Anti-Flicker
Image sensor	1/1.8" Sony Exmor R™ STARVIS™ CMOS
Installation	Wall/Ceiling
LAN network access	RJ45
Length	287 mm
Lens	Motor-Zoom
Lens control	P-Iris
Max. humidity	90 %
Max. operating temperature	55 °C
Max. resolution @ frame rate	3840 x 2160 @ 30 fps

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Microphone	No
Min. operating temperature	-25 °C
Minimum illumination (IR)	0 lx
Minimum illumination (color)	0,01 lx
Motion detection	3 areas
Network access	RJ45
Network camera protocols	IPv4, IPv6, HTTP, HTTPS, SMTP, SNMP, UPnP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, TLS, QoS, DHCP, ABUS Server
Noise reduction	3D DNR
Number of IR LEDs	6
Number of users	10
ONVIF	Profile S, Profile G
Optical zoom	2x
Pixels (effective)	3840x2160 pixel
Pixels (total)	3952x2320 pixel
PoE Standard	IEEE 802.3af (PoE), class 3
Power consumption	1.000 mA
Private zones	8
Relay output	1
Resolution	8MPx
Resolution modes	3840x2160, 1920x1080, 1280x720, 640x360

Scope of delivery 01 description	IP Tube 8 MPx (4K, 4.3 - 8.6 mm)
Scope of delivery 01 quantity	1
Scope of delivery 02 description	Quickguide
Scope of delivery 02 quantity	1
Scope of delivery 03 description	Cable plug
Scope of delivery 03 quantity	4
Scope of delivery 04 description	Junction box
Scope of delivery 04 quantity	1
Signal-to-noise ratio	50 dB
Storage medium	Optional microSD card (max. 128 GB)
Supported browsers	IE11, Mozilla Firefox, Google Chrome [Plug-In free]
Technology	IP
Video Content Analysis (VCA)	Tripwire, Intrusion Detection, Human Detection, Object Counting
Video compression	H.264, H.265, Main/High/Baseline Profile, Dynamic GOP, MJPEG
Video network bandwidth	64 kBit/s - 10 MBit/s
Video system	IP
White balance	AWB, Manual

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Width	89 mm
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