

IP Tube 2 MPx (1080p, 5 - 50 mm, 3 x WDR)

Art.-Nr. IPCA62515

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The IP Tube provides video streams in 2 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 (~ 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 5 - 50 mm provides a horizontal viewing angle of 9-70° and. Detailed images are therefore also possible from a greater distance. Focal length and focusing can be adjusted conveniently and precisely remote via the web interface.

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,

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which can disturb the image.

Technologies

- 2 MPx (Full HD 1080p) resolution: 1920 x 1.080 @ 30 fps
- 5 - 50 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)

Technical data - IP Tube 2 MPx (1080p, 5 - 50 mm, 3 x WDR)

AC voltage supply	24 V
Alarm input (NO/NC)	1
Alarm output	1
Alarming	E-Mail, FTP, NAS, Alarm output
Aperture at minimum illumination (colour)	F1.6 (Wide) / F1.8 (Tele)
Audio	2-Way, Full-Duplex
Backlight compensation	DOL WDR (3X Shutter), WDR (2X Shutter)
Camera type	Tube
Colour	RAL9003
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 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 S3
Day/night switching	ICR / Color / B/W
Design	Tube
Dimensions	(WxHxD) 89x84x287 mm
Dynamic range (WDR)	150 dB

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Technical data - IP Tube 2 MPx (1080p, 5 - 50 mm, 3 x WDR)

Electronic shutter	Auto (WDR Mode) / 1/25600 - 1/50
Encryption	HTTPS, TLS, RTSP/TLS, JSON Web Token
Focal length	5.0 - 50.0 mm
Frame rate	25/30 images/sec (50/60 Hz)
Functions	Scene Change, Cover Detection
Height	84 mm
Horizontal viewing angle	9 – 70 °
Housing material	Metal
ICR day/night function	Yes
IP protection class	67
IR LEDs	Yes
IR range (up to)	30 m
Image enhancement	DOL WDR, WDR, BLC, 3D DNR, Vertical Display, Privacy Mask, Anti-Flicker
Image sensor	1/2.8" Sony Exmor R™ STARVIS™ CMOS
Installation type	Wall/Ceiling
LAN network access	RJ45
Length	287 mm
Lens	Motor-Zoom
Lens control	DC
Max. humidity	90 %
Max. operating temperature	55 °C
Max. resolution @ frame rate	1920 x 1080 @ 30 fps
Microphone	No
Min. operating temperature	-25 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,02 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 streams	3
Number of users	10
Optical zoom	10x
Pixels (effective)	1920x1080 pixel
Pixels (total)	1945x1097 pixel
PoE standard	IEEE 802.3af (PoE), class 3

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Technical data - IP Tube 2 MPx (1080p, 5 - 50 mm, 3 x WDR)

Power consumption	1.000 mA
Private zones	8
Protection class IK	10
Relay output	1
Resolution	2 MP
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)
Signal-to-noise ratio	50 dB
Storage medium	Optional microSD card (max. 128 GB)
Supported browsers	IE11, Mozilla Firefox, Google Chrome [Plug-In frei]
Technology	IP
Video Content Analysis (VCA)	Tripwire, Intrusion Detection, Human Detection, Object Counting
Video compression	Stream 1-3: 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
Width	89 mm