IP Tube 8 MPx Black (4K, 2.8 - 12 mm)

ABUS
Security Tech Germany

4K 24/7 outdoor surveillance
The IP Tube provides video streams in 8 MPx resolution with up to 20 fps. The dust- and water-resistant IP67 housing is well suited for outdoor use. Due to integrated IR LEDs with a range of up to 50m, the camera can be used day and night. Access to the camera is possible at any time via app.

Best overview
The motor zoom lens with a focal length of 2.8 - 12 mm provides a horizontal viewing angle of 35°-115 °. 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 (TVAC31350X), 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.

Technologies

* 8 MPx (4K) Resolution: 3.840 x 2.160 @ 20 fps
* 2.8 - 12 mm motor zoom lens
* Ultra low-light performance for excellent results in low-light environments
* 120 dB WDR function to compensate for image contrasts
* Vandalism and weather protected housing (IK10 & IP67)
* IR LEDs (range up to 50m)

IP Tube 8 MPx Black (4K, 2.8 - 12 mm)

- Supports H.264, H.265, MJPEG (incl. dynamic GOP)
- microSD card slot for internal data storage
- 12 V DC & PoE (802.3at)
- colour black

Technical data - IP Tube 8 MPx Black (4K, 2.8 - 12 mm)

Alarm input (NO/NC)	1
Alarm output	1
Alarming	E-Mail, NAS,FTP
Aperture at minimum illumination (colour)	F1.4
Audio	2-Way Audio
Backlight compensation	WDR, BLC, HLC
Camera type	Tube
Colour	RAL9011
Compatible with ABUS Link Station	Yes
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Compatible with wAppLoxx Pro	Yes
Connections	1 x RJ45, 1 x DC, 1 x video output, 1 x audio output, 1 x audio input, 1 x alarm input, 1 x alarm output
DC voltage supply	12 (+/-10 %) V V
Design	Tube
Dimensions	390x160x160 mm
Dynamic range (WDR)	120 dB dB
Electronic shutter	1/3 - 1/100000 s
Encryption	HTTPS
Focal length	2,8 – 12,0 mm
Frame rate	1/16, 1/8, 1/4, 1/2, 1, 2, 4, 6, 8, 10, 12, 15, 16, 18, 20, 22, 25, 30 fps
Functions	Scene Change Detection
Height	160 mm
Horizontal viewing angle	35-115 °
ICR day/night function	Yes
IP protection class	67
IR LEDs	Yes
IR range (up to)	50 m
Image enhancement	WDR, BLC, HLC, 3D DNR, Vertical Display

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Image sensor	1/2.5" Progessive Scan CMOS
LAN network access	RJ45 10M/100M self-adaptive
Language of instructions	DE, UK, FR, NL, DK
Language packing	DE, UK, FR, NL, DK, IT
Length	390 mm
Lens	Motor-Zoom
Max. humidity	95 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	3840 x 2160 @ 20 fps
Microphone	No
Min. operating temperature	-30 °C
Minimum illumination (IR)	0,1 lx
Minimum illumination (colour)	0,01 lx
Motion detection	8 zones
Net weight	1,2 kg
Network access	RJ45
Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP,SMTP, UPnP, DNS, DynDNS,NTP, RTSP, TCP, UDP, DHCP,ONVIF Profile S, ONVIF Profile G, ABUS Server,Secvest Link
Number of IR LEDs	4
Number of streams	3
Number of users	32
OSD language	DE, UK, FR, NL, DK
Optical zoom	4,2 x
Other functions	Auto Backup Recording,Secvest Connectivity
Pixels (effective)	3840(H) x 2160(V) Pixel pixel
PoE standard	IEEE 802.3at
Power consumption	1.500 mA
Private zones	4
Protection class IK	10
Resolution	8 MP
Resolution modes	Stream 1: 3.840 x 2.160 @ 20 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1.280 x 720 @ 25 fps
Simultaneous network access	6
Supported browsers	IE10, IE11, Mozilla Firefox,30.0+, Chrome 31.0+
Vertical viewing angle	19 − 60 °
Video Content Analysis (VCA)	Tripwire Detection,, Intrusion Detection
Video compression	Stream 1: H.264, H.265, Dynamic GOP, Stream 2: H.264, H.265, MJPEG, Stream 3: H.264, H.265, MJPEG

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Video network bandwidth	32 kBit/s - 16 MBit/s
Video system	IP
White balance	AWB, Manuell
Width	160 mm