IP Dome 8 MPx Black (4K, 2.8 mm)

ABUS
Security Tech Germany

4K 24/7 outdoor surveillance
The IP Dome provides video streams in 8 MPx resolution with up to 20 fps. The weatherproof IP67 housing with shock resistance IK10 ensures optimum protection against sabotage and vandalism. This fact makes outdoor use possible and due to integrated IR LEDs, the camera can be used day and night. Access to the camera is possible any time via app.

Best overview
The IP Dome with a 2.8 mm fixed lens provides an overview a range of 102°. In addition, motion detection and WDR backlight compensation is integrated.

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 Dome is mounted on the ceiling or optionally with a bracket on the wall. We recommend our installation box (TVAC31300) and the wall bracket (TVAC31340). 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

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- 8 MPx (4K) Resolution: 3.840 x 2.160 @ 20 fps
- 2.8 mm fixed lens
- 120 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)
- colour black

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

Alarming	E-Mail, NAS, FTP
Aperture at minimum illumination (colour)	F2.0
Backlight compensation	WDR, BLC, HLC
Camera type	Dome
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
DC voltage supply	12 (+/-10 %) V V
Day/night switching	ICR/Farbe/S/W
Design	Dome
Dimensions	143x143x100 mm
Dynamic range (WDR)	120dB dB
Encryption	HTTPS
Focal length	2,8 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	100 mm
Horizontal viewing angle	102° °
ICR day/night function	Yes
IP protection class	67
IR LEDs	Yes
IR range (up to)	30 m

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Image enhancement	WDR, BLC, HLC, 3D DNR
Image sensor	1/2.5" Progressive 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	143 mm
Lens	Fix
Lens mount	M12
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	1,1 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
Noise reduction	3D DNR
Number of IR LEDs	10
Number of streams	3
Number of users	32
OSD language	DE, UK, FR, NL, DK
Other functions	Auto Backup Recording, Secvest Connectivity
PSTI conformity required	No
Pixels (effective)	3840(H) x 2160(V) pixel
PoE standard	IEEE 802.3af
Power consumption	750 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
Storage medium	Optional microSD card (up to 256 GB)
Supported browsers	IE10, IE11, Mozilla Firefox 30.0+, Chrome 31.0+

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Technology	IP
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
Video network bandwidth	32 kBit/s - 16 MBit/s
Video system	IP
White balance	AWB, Manuell
Width	143 mm