IP Dome 8 MPx (2.8 - 12mm)

ABUS
Security Tech Germany

BRILLIANT OUTSIDE: IN ANY LIGHT. AGAINST MANIPULATION.
With 8 MPx (4K) resolution, weatherproof IP67 housing, IK10 vandal protection and powerful IR LEDs, the IP dome is the surveillance camera for 24/7 outdoor surveillance day and night. WDR dynamics and Ultra Low-Light ensure clear images in any light.

Best, flexible surveillance in 4K Ultra HD
The motorised zoom lens with 2.8-12 mm focal length covers a range of 46-108° (4.2x optical). Focal length and focus are precisely adjusted via the web interface.

Autom. Object recognition
The security camera reliably distinguishes relevant movements (people, vehicles) from disturbances (branches, light, etc.) and thus minimises unnecessary motion alarms.

Recording and compatibility
Recordings are made on ABUS recorders, video management software or microSD card. The camera is compatible with ABUS Secvest, Secoris and WLX Pro Plus.

Convenient start-up
Suitable for mounting on ceiling or wall, with protected wiring and for discreet ceiling installation (with installation box/holder). The free ABUS IP Installer software makes setup easier.

ABUS Link Station app: Live Image & Push
For mobile access for live viewing, playback and push notifications for events. IPv6 compatible.

Notes: No power supply unit is included, as power is supplied via PoE.

The effective IR range will vary depending on the installation location.

Technologies

- 8 MPx (4K) resolution: 3,840 x 2,160 @ 20 fps for accurate, detailed surveillance of large areas and grounds
- 2.8 - 12 mm motorised zoom lens (4x optical zoom, 46°-108° viewing angle) for high flexibility in surveillance and choice of installation location
- Ultra low-light performance for excellent image results in poorly lit environments
- 120 dB WDR function to compensate for image contrasts, strong backlighting etc.
- Object recognition (human & vehicle): Motion detection with fully automatic differentiation between people/vehicles and disturbances (branches, light, etc.)
- Very robust, vandalism- and weather-proof housing (IK10 & IP67), in a discreet look with black covered components in the dome
- IR LEDs for very clear images in the dark (up to 40 m range)
- 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 Dome 8 MPx (2.8 - 12mm)

Alarm input (NO/NC)	1
Alarm output	1
Alarming	E-Mail, NAS, FTP, Sound
Audio	Connectable: Microphone, Loudspeaker
Backlight compensation	WDR, BLC, HLC
Camera type	Dome
Compatible with	ABUS NVR, ABUS Link Station App, Synology Surveillance Station 6.0.1+
Compatible with ABUS Link Station	Yes
Compatible with Comfion	Yes
Compatible with Secoris	Yes
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Compatible with wAppLoxx Pro	Yes
Connections	1 x RJ45, 1 x DC, 1 x Alarm input, 1 x Alarm output, 1 x Audio input, 1 x Audio output
DC voltage supply	12 (+/-25 %) V
Day/night switching	ICR/Color/B/W
Design	Dome
Digital zoom	Yes
Dimensions	(LxWxH) 154x154x112 mm

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Dynamic range (WDR)	120 dB
Electronic shutter	1/3 - 1/100000 s
Encryption	HTTPS, TLS 1.1/1.2
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, Region of Interest
Gross weight	1,5 kg
Height	112 mm
Horizontal viewing angle	45 – 108 °
Housing material	Metal
ICR day/night function	Yes
IP protection class	67
IR LEDs	Yes
IR range (up to)	40 m
Image enhancement	WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode)
Image sensor	1/1.8" Progressive Scan CMOS
Installation type	Ceiling, Wall
LAN network access	RJ45 10M/100M self-adaptive
Language of instructions	DE, UK, FR, NL, DK
Length	154 mm
Lens	Motor-Zoom
Max. humidity	95 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	3840 x 2160 @ 30 fps
Microphone	No
Min. operating temperature	-25 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,003 lx
Motion detection	8 zones
Net weight	0,9 kg
Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ABUS Server, P2P, QoS, 802.1X, IGMP, Bonjour, PPPoE, SNMP
Noise reduction	3D DNR
Number of IR LEDs	2
Number of streams	3
Number of users	32
ONVIF	Profile G, S, T
OSD language	DE, UK, FR, NL, DK, IT

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Optical zoom	4,2 x
Other functions	Object Classification Person/Vehicle
Pixels (effective)	3840(H) x 2160(V) pixel
PoE standard	IEEE 802.3af
Power consumption	1.100 mA
Private zones	4
Protection class IK	10
Resolution	8 MP
Resolution modes	Stream 1: 3840 x 2160 @ 25 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1280 x 720 @ 25 fps
Storage medium	microSD card, 256 GB (opt.)
Supported browsers	IE11, Mozilla Firefox, Google Chrome, MS Edge
Technology	IP
Vertical viewing angle	26 – 58 °
Video Content Analysis (VCA)	Tripwire Detection, Intrusion Detection, Region Entrance, Region Exit
Video compression	Stream 1: H.264, H.265, Dynamic GOP (+), Stream 2: H.264, H.265, MJPEG, Stream 3: H.264, H.265
Video network bandwidth	32 kBit/s - 16 MBit/s
White balance	AWB, Manual
Width	154 mm