



BRILLIANT 8 MPx (4K) SURVEILLANCE WITH AUDIO & ALARM

The IP Dome is a discreet surveillance camera with 2WAY audio and alarm function.

8 MPx (4K): detailed 24/7 monitoring

The IP camera delivers ultra-high resolution images in 8 MPx (4K) resolution, IR LEDs ensure good image details during day and night. The IP67 housing is for outdoor use. Mobile app access possible at any time.

Autom. Object recognition

The security camera uses intelligent VCA object detection to distinguish relevant movements (human/vehicle) from disturbing influences (branches, light, etc.) - and minimises unnecessary motion alarms. This defines incidents (VCA events, e.g. line crossed) that trigger alarms.

2WAY audio & alarm (siren, LED flash)

For intercom, addressing offenders or acoustic alarm output (voice message, siren). The integrated flashing light turns the alarm camera into a signaller.

Recording and compatibility

Recordings are saved on microSD card, ABUS recorder or via VMS software. The dome is compatible with ABUS Secvest, Secoris, WLX Pro.

Convenient start-up

The IP dome is mounted on the ceiling or on the wall using a bracket (TVAC32520). Recommended: the installation box (TVAC32500). The free ABUS IP Installer software makes setup in the network faster.

Notes: power supply unit not included, as power is supplied via PoE.

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

Technologies

- 2-way audio security camera with integrated microphone, loudspeaker and flashing light for intercom to address people and perpetrators, as well as acoustic and visual alarms
- Integrated alarm input/output (I/O) for switching scenarios for effective alarm utilisation or optimisation of operating procedures (e.g. sales room)
- Intelligent object detection and precise motion detection with fully automatic differentiation between people/vehicles and disturbances (branches, light, etc.)
- 8 MPx (4K) resolution: 3,840 x 2,160 @ 25 fps for crisp, ultra-high resolution surveillance images and coverage of a large surveillance area
- 2.8 mm fixed lens for a good overview (111° viewing angle) in a robust, weatherproof housing (IP67)
- 120 dB WDR function to compensate for image contrasts, strong backlighting etc. for highly usable image results in all lighting situations
- Ultra low-light performance for excellent image results in poorly lit environments
- IR LEDs for clear images in the dark (up to 30 m range)
- Strong image compression (Dyn. GOP, H.265, H.264, MJPEG) for low storage space requirements
- microSD card slot for internal data storage; 12 V DC & PoE (802.3af)

Technical data - 4043158220346

Alarm input (NO/NC)	1
Alarm output	1
Alarming	Flash, Loudspeaker, Email, App Push, FTP, CMS
Aperture at minimum illumination (colour)	F1.6
Audio	Integrated: Microphone, Loudspeaker; Connectable: Microphone, Loudspeaker
Backlight compensation	WDR, BLC, HLC
Camera type	Dome
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 (cable length 250 mm)
DC voltage supply	12 (+/-25 %) V

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Day/night switching	ICR/Color/B/W
Design	Dome
Digital zoom	Yes
Dimensions	(LxBxH) 139x139x128 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/3 - 1/100000 s
Encryption	HTTPS, TLS 1.1/1.2
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, Region of Interest
Gross weight	1,1 kg
Height	128 mm
Horizontal viewing angle	110 °
Housing material	Metal
ICR day/night function	Yes
IP protection class	67
IR LEDs	Yes
IR range (up to)	30 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, IT
Length	139 mm
Lens	Fix
Loudspeaker	Yes
Max. humidity	95 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	3840 x 2160 @ 30 fps
Microphone	Yes
Min. operating temperature	-25 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,003 lx
Motion detection	Yes
Net weight	0,85 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

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Number of IR LEDs	1
Number of streams	3
Number of users	32
OSD language	DE, UK, FR, NL, DK, IT
Other functions	Object Classification Person/Vehicle
PSTI conformity given	Yes
PSTI conformity required	Yes
Pixels (effective)	3840(H) x 2160(V) pixel
PoE standard	IEEE 802.3af
Power consumption	800 mA
Private zones	4
Relay output	1
Resolution	8 MP
Resolution modes	Stream 1: 3840 x 2160 @ 25 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1920 x 1080 @ 10 fps (only in surveillance mode)
Storage medium	microSD card, 256 GB (opt.)
Supported browsers	MS Edge, IE11, Mozilla Firefox, Google Chrome
Technology	IP
Vertical viewing angle	59 °
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 (only in surveillance mode)
Video network bandwidth	32 kBit/s - 16 MBit/s
White balance	AWB, Manual
White-light LEDs	1
Width	139 mm