IP Spherical Dome 8 MPx (4mm)

ABUS
Security Tech Germany

BRILLIANT 8 MPX (4K) SURVEILLANCE
8 MPx (4K) 24/7 outdoor surveillance with full details

The IP spherical dome delivers ultra-high resolution surveillance images in 8 MPx (4K) resolution. The compact, weatherproof IP67 housing is designed for robust outdoor use. Powerful IR LEDs provide detailed images day and night. The camera can be accessed from the mobile app at any time.

Best overview
The IP dome watches over a span of 87°. In combination with the high 4K resolution, this provides optimal surveillance of more distant areas, corridors, etc.

Autom. Object recognition
The security camera has WDR backlight compensation and motion detection. It reliably distinguishes relevant movements (people, vehicles) from disturbances (branches, light, etc.) - and thus minimises unnecessary motion alarms.

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

Convenient start-up
The IP dome is mounted on the ceiling or wall (wall bracket and installation box available). The free software "ABUS IP Installer" incl. "Camera Finder" is available for quick setup in the network.

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

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

Technologies

- 8 MPx (4K) resolution: 3.840 x 2,160 @ 20 fps for crisp, ultra-high definition surveillance images
- 4 mm fixed lens for longer distances (87° angle of view)
- 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.)
- Sturdy, weatherproof housing (IP67)
- IR LEDs for very clear images in the dark (up to 30 m range), without disturbing reflections in the glass dome (external LEDs)
- Supports H.264, H.265, MJPEG (incl. Dynamic GOP)
- MicroSD card slot for internal data storage
- 12 V DC & PoE (802.3af)
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Technical data - IP Spherical Dome 8 MPx (4mm)

Alarming	E-Mail, NAS, FTP
Backlight compensation	WDR, BLC, HLC
Camera type	Ball 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 (Cable length 280 mm)
DC voltage supply	12 (+/-25 %) V
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	4 mm

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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	0,7 kg
Height	128 mm
Horizontal viewing angle	87 °
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
Length	139 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	-25 °C
Minimum illumination (IR)	0 lx
Minimum illumination (colour)	0,003 lx
Motion detection	8 zones
Net weight	0,5 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
Other functions	Object Classification Person/Vehicle
Pixels (effective)	3840(H) x 2160(V) pixel
PoE standard	IEEE 802.3af

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Power consumption	600 mA
Private zones	4
Resolution	8 MP
Resolution modes	Stream 1: 3840 x 2160 @ 30 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	47 °
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	139 mm