IP Spherical Dome Black 4 MPx 2.8 mm, WL)

ABUS
Security Tech Germany

COMPACT 4 MPX 24/7 SURVEILLANCE CAMERA

The IP spherical dome delivers the best surveillance images in 4 MPx resolution as a full colour day/night camera. The weatherproof IP67 housing is designed for outdoor use. External white-light LEDs provide clear images day and night. The camera can be accessed from the mobile app at any time.

Top surveillance in the dark
Clear colour images in total darkness thanks to full-colour tag/night technology - rich in detail for conclusive evidence. The slightest amount of residual light is effectively amplified by the special lens and the extra light-sensitive image sensor, while the white-light LEDs provide the sensor with precisely regulated extra light.

For longer distances
The IP dome covers a horiz. viewing angle of 95° or 108° (variant B or A).

Automatic object detection
The security camera distinguishes relevant movements (people, vehicles) from disturbing influences (branches, light, etc.) and minimises unnecessary motion alarms.

Recording and compatibility

Easy installation
The camera is mounted on the ceiling or wall (wall bracket/installation box available). The free "ABUS IP Installer" software is available for integration into a network.

Notes: Without power supply unit, because power is supplied by PoE.

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The effective LED range varies depending on the location.

Technologies

- 4 MPx resolution (2,688 x 1,520 @ 25 fps) for crisp surveillance images
- 4 mm fixed lens for longer distances (108° angle of view)
- Detailed, highly usable colour images in the dark thanks to full-colour day/night technology; effectively amplifies even minimal ambient light using a special lens and highly light-sensitive image sensor
- Discreet illumination of the field of view with white-light LEDs (up to 30 m range) for accurate colour images in total darkness (e.g. indoors); finely metered lighting for the light-sensitive image sensor (barely visible to the human eye)
- Object recognition (human & vehicle): Video content analysis with fully automatic differentiation between people/vehicles and disturbances (branches, light, etc.)
- Intelligent video analysis with automatic detection of scenes (smart events) for precise motion alarms, recording and process optimisation; output of 3 video streams in ideal resolution for e.g. live image, recording, mobile access, etc.
- Robust, weather-proof housing (IP67) with external WL-LEDs for clear image results without disturbing reflections in the glass dome; housing colour: black
- Supports H.264, H.265, MJPEG (incl. Dynamic GOP)
- microSD card slot for internal data storage, encrypted for high data security (optional)
- 12 V DC & PoE (802.3af)

Technical data - IP Spherical Dome Black 4 MPx 2.8 mm, WL)

Alarming	E-Mail, App Push, FTP, CMS
Aperture at minimum illumination (colour)	F1.0
Audio	Integrated: Microphone
Backlight compensation	WDR, BLC, HLC
Camera type	Dome
Colour	Black
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
DC voltage supply	12 (+/-25 %) V

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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	0,7 kg
Height	128 mm
Horizontal viewing angle	108 °
Housing material	Metal
IP protection class	67
Image enhancement	WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart-Event mode)
Image integration	Yes
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
Max. humidity	95 %
Max. operating temperature	60 °C
Max. resolution @ frame rate	2688 x 1520 @ 30 fps
Microphone	Yes
Min. operating temperature	-25 °C
Minimum illumination (colour)	0,0005 lx
Motion detection	8 zones
Net weight	1 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 streams	3
Number of users	32
OSD language	DE, UK, FR, NL, DK, IT
Other functions	Object Classification Person/Vehicle
Pixels (effective)	2688(H) x 1520(V) pixel

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PoE standard	IEEE 802.3af
Power consumption	600 mA
Private zones	4
Resolution	4 MP
Resolution modes	Stream 1: 2688 x 1520 @ 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	55 °
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 - 8 MBit/s
White balance	AWB, Manual
White-light LEDs	2
White-light range (up to)	30 m
Width	139 mm