IP Dome 4MPx (2.8mm) with HDMI port

IP dome with HDMI port for direct display on monitor
This 4-megapixel dome camera is ideal for displaying live video surveillance images via HDMI to deter potential offenders. At the same time, the video data is reliably transmitted to the existing IP network.

More flexibility thanks to freely selectable operating modes
The camera uses AI-supported analysis to specifically recognise people and vehicles, which improves the detection of relevant movements and reduces the number of irrelevant notifications. Alternatively, you can set up people counting with threshold value evaluation. This is particularly helpful if a notification is required when people gather, e.g. in the checkout area or outside.

Protection against vandalism & alarm generation
Vandal-proof according to IK10: This camera withstands knocks, bumps and tampering. An installation box is required for outdoor installation. Installation is simple and straightforward via PoE - so only one cable is required for power supply and data transmission. Various alarm functions are also available in the event of an incident.

IR range depends on the environment

The performance of the lighting depends greatly on the location. Dark surfaces or a lack of reflections can have a negative effect on the image - as can close, reflective objects.

Technologies

- Direct display of the camera image on an HDMI monitor (HDMI V1.4, max. 1080p60)
- 4 MPx resolution (2688 x 1520 @ 25 fps) for conclusive surveillance videos

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- Video data is simultaneously transmitted to the IP network and displayed on a monitor via HDMI cable
- Fixed lens with 2.8 mm focal length and 101° horizontal viewing angle
- Flexible operating modes: Optional VCA functions with targeted detection of people and vehicles or people counting including threshold value evaluation
- Simple installation thanks to PoE – only one cable for power supply and data transmission
- Illumination of the field of vision with IR LEDs
- 120 dB WDR function to compensate for image contrasts, strong backlighting etc. for highly usable image results in all lighting situations
- Switching input and output for alarm response
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Alarm input (NO/NC)	1
Alarm output	1
Alarming	E-Mail, App Push, FTP, CMS
Aperture at minimum illumination (colour)	F1.4
Audio	Yes
Backlight compensation	WDR, BLC, HLC
Camera outputs	HDMI Typ D 1.4 (female) (1080p@25/30/50/60fps, 720p@50/60fps)
Camera type	Dome
Colour	white
Compatible with	NVR, ABUS Link Station App, ABUS CMS, HDMI Monitor
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	1x RJ45, 1x DC, 1x Alarm input, 1x Alarm output, 1x Audio input, 1x Audio output
DC voltage supply	12 (+/-25 %) V
Design	Dome
Diameter	119 mm
Dimensions	(DxH) 119x90 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/3 - 1/100000 sec.
Encryption	HTTPS, TLS 1.1/1.2/1.3

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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 fps
Gross weight	0,645 kg
Height	90 mm
Horizontal viewing angle	101 °
Housing material	metal
ICR day/night function	Yes
IR LEDs	Yes
IR range (up to)	30 m
Image sensor	1/3" Progressive Scan CMOS
Installation type	Surface mounted
LAN network access	RJ45 10M/100M self-adaptive
Language of instructions	DE, GB, FR, NL, DK, IT
Language packing	DE, GB, FR, NL, DK, IT
Length	119 mm
Lens	Fixed
Loudspeaker	No
Max. humidity	95 %
Max. operating temperature	40 °C
Max. resolution @ frame rate	2688 x 1520 @ 30 fps
Microphone	No
Min. operating temperature	-10 °C
Minimum illumination (colour)	0,003 lx
Motion detection	Yes
Net weight	0,434 kg
Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SFTP, SMTP, UPnP, DNS, DynDNS, NTP, RTP, RTSP, SRTP, TCP, UDP, DHCP, ABUS Server, P2P, QoS, 802.1X, SNMP
Noise reduction	3D DNR
Number of IR LEDs	3
Number of streams	4
Number of users	32
OSD language	DE, GB, FR, NL, DK, IT
Optical zoom	No
Other functions	Object detection Person/Vehicle
Pixels (effective)	2688(H) x 1520(V) pixel
PoE standard	IEEE 802.3af
Power consumption	700 mA
Product security updates at least until	2027-08-01

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Protection class IK	20
Range VCA (human / vehicle)	1
Resolution	4 MP
Resolution modes	Stream 1: 2688 x 1520 @ 30 fps, Stream 2: 1280 x 720 @ 30 fps, Stream 3: 1920 x 1080 @ 10 fps, Stream 4: 1280 x 720 @ 10 fps
Sabotage monitoring	10
Storage medium	Optional mircoSD-Card (max. 512 GB)
Supported browsers	MS Edge 89+, Google Chrome 80+, Firefox 80+
Technology	IP
Vertical viewing angle	55 °
Video Content Analysis (VCA)	Object Detection of People & Vehicles for tripwire detection, intrusion detection, area entry area exit
Video compression	Stream 1: H.264, H.265, Dynamic GOP (+), Stream 2: H.264, H.265, MJPEG, Stream 3: H.264, H.265, Stream 4: H.264, H.265, MJPEG
Video network bandwidth	256 kBit/s - 8 MBit/s
Video output	HMDI Type D 1.4(Socket) (1080p@25/30/50/60 fps, 720p@50/60fps)
Video system	IP
Width	119 mm