Outdoor IP Dome IR 6MPx

- 6 megapixel resolution: 3072 x 2048 @ 24 fps
- 2.8–12.0 mm motorised zoom lens with automatic focussing
- Day & night camera with integrated IR LEDs (30 m)
- DWDR function to compensate for image contrasts
- Integrated video content analysis (VCA) (e.g. tripwire detection, intrusion detection, object counting)
- Integrated microSD card slot for edge recording
- Integrated ROI function that saves on bandwidth and storage space
- Automatic backup recording to ensure uninterrupted recording
- Weatherproof housing that is protected against vandalism with IP66/IK10 protection class

This 6megapixel IP dome is designed to take on even the most challenging of monitoring applications. Its resolution of 3072x2048pixels (6MPx) allows it to cover expansive areas, while the motorised zoom lens enables versatile monitoring and exceptional flexibility in selecting an installation location.

Detailed monitoring of moving objects
The camera provides 6megapixel video streams at 25fps. Boasting incredibly high resolution and real-time recording performance, it guarantees extremely clear recordings, for example in the monitoring of perimeters of large premises.

24/7 robust outdoor surveillance in HD
The weatherproof IP66 housing with IK10 shock resistance provides optimum protection against tampering and vandalism. Integrated IR LEDs provide excellent images both during the day and at night. Plus, cutting-edge motion detection and backlight compensation functionalities are integrated – ideal for handling glare in outdoor areas or monitoring access roads.

Unbeatable overview and freely controllable angle of view
The autofocus motorised zoom lens can be adjusted to the desired angle of view at the touch of a button. Its focal length of between 2.8 and 12mm covers a range of between 30° and 95° (4.2x optical zoom).

Decentralised video content analysis (VCA) – in the camera itself
The dome offers VCA functions such as tripwires, intrusion detection and face detection, all without the need for any VMS software. This saves on bandwidth, hard disk space and additional costs, while also making the evaluation of recordings faster.

Easy set-up – innovative user management
The practical installation wizard ensures quick and easy set-up. Innovative user management also facilitates user authorisation configuration that is tailored to your individual security needs.

The effective IR range will depend on the installation location. If there are surfaces that absorb light or no objects that reflect IR light in the field of view, the IR range will be reduced and/or the video image will be too dark. Reflective objects in the immediate vicinity of the camera (e.g. roof gutter or wall) may also result in the reflection of IR light, which can disturb the image.

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Technical Data:

IK protection class	10	Compatible with	ABUS VMS (no VCA functions), ABUS NVR (from V3.3.4), Hybrid DVR (from V3.3.4)
ONVIF	Profile S		
Image enhancement	DWDR, BLC, HLC, Defog, Region of Interest		
Video Content Analysis (VCA)	Tripwire Detection, Intrusion Detection, Face Detection, Object Counting	Length	235 mm
		Power consumption	17 W
		Max. resolution @ frame rate	3072 x 2048 @ 24 fps
Other features	Auto Backup Recording	Max. operating temperature	60 °C
Dimensions	LxWxH (235x235x210) mm		
Alarming	E-Mail, NAS, FTP, Relais	Max. humidity	95 %
Connections	1 x RJ45, 1 x DC, 1 x video output, 1 x audio output, 1 x audio input, 1 x alarm input, 1 x alarm output	Min. operating temperature	-30 °C
		Minimum illumination (color)	0,014 lx
Number of users	10	Minimum illumination (IR)	0 lx
Number of presets	3	Video network bandwidth	32 kBit/s – 16 MBit/s
Audio	2-Way Audio (over Browser, CMS)	Network access	RJ45
		LAN network access	RJ45
Resolution modes	3072 x 2048, 3072 x 1728, 2560 x 2048, 2560 x 1920, 2048 x 1536, 1920 x 1080, 1280 x 720, 704 x 576, 320 x 240 pixel	Network camera protocols	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, ABUS Server, NTP, RTSP, DHCP, ONVIF, SNMP, QoS, 802.1X, PSIA
Motion detection	1		
Image sensor	1/1.8" Sony Exmor R™ STARVIS™ CMOS	Lens	Motor-Zoom
		Optical zoom	4,2 x
Pixels (effective)	3072 x 2048 pixel	PoE	IEEE 802.3af
Frame rate	24 (3072x2048) / 25 (3072x1728) fps	Private zones	4
		Noise reduction	3D-DNR, 2D-DNR
Width	235 mm	IP protection class	66
Focal length	2,8 – 12,0 mm	AC voltage supply	24 (+/-10 %) V
Gross weight	1,95 kg	DC voltage supply	12 (+/-10 %) V
Dynamic range (WDR)	70 dB	Storage medium	microSD card, 128 GB (option)
Electronic shutter	1 – 1/100,000 s		
Functions	Scene Change Detection, Cover Detection, Defocus Detection, IPC Hot Spare	Power consumption	1.000 mA
		Day/night switching	Electromechanically removable IR cut filter (ICR), colour/B&W
Backlight compensation	DWDR, BLC, HLC		
Height	210 mm	Supported browsers	IE10, IE11, Firefox
Horizontal angle of view	30,5 – 94,5 °	Encryption	HTTPS
IR range (up to)	30 m	Video compression	H.264, MJPEG

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Technical Data:

Video system	IP

White balance	AWB, manual
Certifications	CE, CTick, RoHS, Reach