

Outdoor IP Tube IR 6MPx

Art. no. IPCA66500

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- 6 megapixel resolution: 3072 x 2048 @ 24 fps
- 2.8–12.0 mm motorised zoom lens with automatic focussing
- High-power IR LEDs for effective illumination over large distances (50 m)
- DWDR function to compensate for image contrasts
- Integrated video content analysis (VCA) (e.g. tripwire detection, intrusion detection)
- 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 with IP66 protection class

This 6megapixel IP tube camera is designed to take on even the most challenging of monitoring applications. Its resolution of 3072x2048 pixels (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 IR LEDs integrated into the weatherproof IP66 housing 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).

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Decentralised video content analysis (VCA) – in the camera itself

The camera 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.

Suitable accessories:

The TVAC31350 installation box is recommended for the installation.

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:

ONVIF	Profile S	Length	390 mm
Image enhancement	DWDR, BLC, HLC, Defog, Region of Interest	Power consumption	12 W
Video Content Analysis (VCA)	Tripwire Detection, Intrusion Detection, Face Detection, Object Counting	Max. resolution @ frame rate	3072 x 2048 @ 24 fps
Other features	Auto Backup Recording	Max. operating temperature	60 °C
Dimensions	LxWxH (390x160x160) mm	Max. humidity	95 %
Alarming	E-Mail, NAS, FTP	Min. operating temperature	-30 °C
Connections	1 x RJ45, 1 x DC, 1 x video output	Minimum illumination (color)	0,014 lx
Number of users	10	Minimum illumination (IR)	0 lx
Number of streams	3	Video network bandwidth	32 kBit/s – 16 MBit/s
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 access	RJ45
Motion detection	1	LAN network access	RJ45
Image sensor	1/1.8" Sony Exmor R™ STARVIS™ CMOS	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
Pixels (effective)	3072 x 2048 pixel	Lens	Motor-Zoom
Frame rate	24 (3072x2048) / 25 (3072x1728) fps	Optical zoom	4,2x
Width	160 mm	PoE	IEEE 802.3at
Focal length	2,8 – 12,0 mm	Private zones	4
Gross weight	2,45 kg	Noise reduction	3D-DNR, 2D-DNR
Dynamic range (WDR)	70 dB	IP protection class	67
Electronic shutter	1 – 1/100,000 s	DC voltage supply	12 (+/-10 %) V
Functions	Scene Change Detection, Cover Detection, Defocus Detection, IPC Hot Spare	Storage medium	microSD card, 128 GB (option)
Backlight compensation	DWDR, BLC, HLC	Power consumption	1.000 mA
Height	160 mm	Day/night switching	Electromechanically removable IR cut filter (ICR), colour/B&W
Horizontal angle of view	30,5 – 94,5 °	Supported browsers	IE10, IE11, Firefox
IR LEDs	5	Encryption	HTTPS
IR range (up to)	50 m	Video compression	H.264, MJPEG
Compatible with	ABUS VMS (no VCA functions), ABUS NVR (from V3.3.4), Hybrid DVR (from V3.3.4)	Video system	IP
		White balance	AWB, manual
		Certifications	CE, CTick, RoHS, Reach