

Universal IP Boxtype 3MPx

Art. no. IPCA53000

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- 3 megapixel resolution: 2048 x 1536 @ 25 fps
- True WDR function to compensate for high image contrasts (120 dB)
- Integrated auto back focus (ABF) function for simplified installation
- Integrated video content analysis (VCA) (e.g. tripwire detection, intrusion detection, object counting)
- Vertical display mode for effective hallway surveillance
- Integrated microSD card slot for edge recording
- Integrated ROI function that saves on bandwidth and storage space
- Automatic backup recording to ensure uninterrupted recording
- For use in adverse environmental conditions thanks to its weatherproof housing (TVAC70200)

This universal 3 megapixel IP box-type camera is designed to take on challenging monitoring applications. Its resolution of 2048x1536pixels (3MPx) allows it to cover vast areas, while its interchangeable lens (required accessory) and weatherproof housing (optional) offer exceptional flexibility in selecting an installation location.

Detailed monitoring of moving objects

The camera provides 3 megapixel video streams at 25fps. Its outstanding resolution and recording performance and high frame rate guarantee sharp, fluid real time recordings – including of scenes containing movement.

Suitable for universal use thanks to its interchangeable lens and weatherproof housing

With a lens suited to every application (C/CS mount, with/without auto-iris function) the camera can handle a wide range of monitoring tasks in both indoor and outdoor areas. Its array of focal lengths (e.g. 2.8–10.0mm or 12.5–50mm) facilitate a flexibly adjustable angle of view. An optional weatherproof housing equips the camera for use in unsheltered outdoor areas.

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.

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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:

We recommend either the TVAC65502 or TVAC65600 lens, and the TVAC70200 weatherproof housing.

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Technical Data:

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Image enhancement	True WDR, BLC, HLC, 3D DNR, 2D DNR, AWB, Vertical Display, Defog, 50 fps, Region of Interest
Video Content Analysis (VCA)	Tripwire Detection, Intrusion Detection, Face Detection, Object Counting
Image note	Supplied without lens
Other features	Auto Backup Recording
Dimensions	LxWxH (230x150x110) mm
Alarming	Relais, E-Mail, FTP, NAS
Connections	1 x RJ45, 1 x DC/AC, 1 x video output, 1 x audio output, 1 x audio input, 1 x alarm input, 1 x alarm output, 1 x RS485 output
Number of users	10
Number of streams	3
Audio	2-Way Audio
Resolution modes	2048 x 1536, 1920 x 1080, 1280 x 720, 704 x 576, 320 x 240 pixel
Motion detection	Yes
Image sensor	1/2.8" Sony Exmor R™ STARVIS™ CMOS
Pixels (effective)	2048 x 1536 pixel
Frame rate	25 / 45 (2048x1536) / 60 (1920x1080, WDR off) fps
Width	150 mm
Gross weight	0,8 kg
Dynamic range (WDR)	120 dB
Electronic shutter	1 – 1/100,000 s
Functions	Scene Change Detection, Cover Detection, Defocus Detection, IPC Hot Spare
Backlight compensation	True WDR, BLC, HLC
Height	110 mm

Compatible with	ABUS VMS (no VCA functions), ABUS NVR (from V3.3.4), Hybrid DVR (from V3.3.4)
Length	230 mm
Power consumption	9 W
Max. resolution @ frame rate	2048 x 1536 @ 45 fps
Max. operating temperature	60 °C
Max. humidity	95 %
Microphone	Yes
Min. operating temperature	-30 °C
Minimum illumination (color)	0,005 lx
Minimum illumination (IR)	0 lx
Video network bandwidth	32 kBit/s – 16 MBit/s
Network access	RJ45
LAN network access	RJ45
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
Lens mount	CS Mount
PoE	IEEE 802.3af
Private zones	4
Noise reduction	3D-DNR, 2D-DNR
IP protection class	24
AC voltage supply	24 (+/-10 %) V
DC voltage supply	12 (+/-10 %) V
Storage medium	microSD card, 128 GB (option)
Power consumption	750 mA
Day/night switching	Electromechanically removable IR cut filter (ICR), colour/B&W
Supported browsers	IE10, IE11, Firefox
Encryption	HTTPS
Video compression	H.264, MJPEG

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Technical Data:

Video system	IP	Certifications	CE, CTick, RoHS, Reach
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