

Universal IP Boxtype 3 MPx

Art.-Nr. IPCA53000



- 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

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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.

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

AC voltage supply	24 (+/-10 %)V
Alarm input (NO/NC)	1
Alarming	E-Mail, FTP, NAS, Relay
Aperture at minimum illumination (color)	-
Audio	2-Way Audio (Browser, CMS)
Backlight compensation	True WDR, BLC, HLC
Color	RAL9003
Compatible with	NVR, Hybrid DVR, IPCam Plus
Compatible with ABUS Link Station	No
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Compatible with wAppLoxx Pro	Yes
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
DC voltage supply	12 (+/-10 %)V
Day/night switching	Electromechanically removable IR cut filter (ICR), colour/B&W
Design	Box
Dynamic range (WDR)	120dB
Electronic shutter	1 – 1/100,000 s
Encryption	HTTPS
Frame rate	25 / 45 (2048x1536) / 60 (1920x1080, WDR off) fps
Functions	Scene Change Detection, Cover Detection, Defocus Detection, IPC Hot Spare

Gross weight	0,8kg
Height	110mm
ICR day/night function	Yes
IP protection class	24
IR LEDs	No
Image enhancement	True WDR, BLC, HLC, 3D DNR, 2D DNR, AWB, Vertical Display, Defog, 50 fps, Region of Interest
Image sensor	1/2.8" Sony Exmor R™ STARVIS™ CMOS
LAN network access	RJ45
Length	230mm
Lens mount	CS Mount
Max. humidity	95%
Max. operating temperature	60°C
Max. resolution @ frame rate	2048 x 1536 @ 45 fps
Microphone	Yes
Min. operating temperature	-30°C
Minimum illumination (IR)	0lx
Minimum illumination (color)	0,005lx
Motion detection	Yes
Network access	RJ45
Network camera protocols	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, ABUS Server, NTP, RTSP, DHCP, SNMP, QoS, 802.1X
Noise reduction	3D-DNR, 2D-DNR
Number of streams	3

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Number of users	10
Other features	Auto Backup Recording
Pixels (effective)	2048 x 1536pixel
PoE Standard	IEEE 802.3af
Power consumption	9W
Power consumption	750mA
Private zones	4
Resolution	3MPx
Resolution modes	2048 x 1536, 1920 x 1080, 1280 x 720, 704 x 576, 320 x 240

Storage medium	microSD card, 128 GB (option)
Supported browsers	IE10, IE11, Firefox
Technology	IP
Video Content Analysis (VCA)	Tripwire Detection, Intrusion Detection, Face Detection, Object Counting
Video compression	H.264, MJPEG
Video network bandwidth	32 kBit/s – 16 MBit/s
Video system	IP
Width	150mm