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Security Tech Germany

VIDEO IP
2016 RANGE

State-of-the-art networks consisting of IP cameras, recorders and video management software

Q1/2016

CONTENTS
EVERYTHING AT A GLANCE

VIDEO IP 2016 RANGE

In this catalogue, we present the ABUS Security-Center **Video IP range for 2016.**
You can find extensive information on all of our products on our partner portal at **www.abus.com/partner**

PRODUCT DETAILS

CAMERAS 22

RECORDERS 34

SOFTWARE + APP 36

MOUNTS 40

STORAGE MEDIA 45

IR ILLUMINATORS 46

FURTHER ACCESSORIES 48

ITEM NUMBER INDEX 54

SERVICE & CONTACT 55

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ABUS IP
THE COMPREHENSIVE SOLUTION

When designing a sophisticated, IP-based monitoring system, for example for corporate complexes or large areas, a comprehensive solution is required. This means accurate HD images, even in poor lighting conditions, reliable, continuous operation 24/7, simple installation and an intuitive web interface for setting it all up. Add to that high-performance network recorders with software access via ABUS CMS, newly updated ABUS Eyseo video management software and the flexibility to integrate all IP cameras into existing third-party monitoring software. A wide range of accessories such as monitors, cables and brackets complete the assortment.

Indoor IP Compact IR

Indoor IP Dome

Universal IP Boxtype

A coherent all-in-one package that tops traditional IP solutions in a number of areas: image usability is of primary importance in providing absolute clarity in terms of incidents, and is achieved thanks to the high-end lens, light-sensitive sensor and top-of-the-range chipset for balancing out disruptive light factors. The cameras are available in five different designs with lenses measuring from 3 to 50 mm, plus cameras for special applications. One particular IP success factor is that, with only 50% of the network load of conventional IP cameras, high-quality image data can be transmitted without bottlenecks. In addition to this, the systems are easy to install and have received numerous awards thanks to their functional design including inbuilt mount and hidden cabling.

ABUS IP CAMERAS
FOCUS ON DETAILS

Outdoor IP Dome

Outdoor IP Tube IR

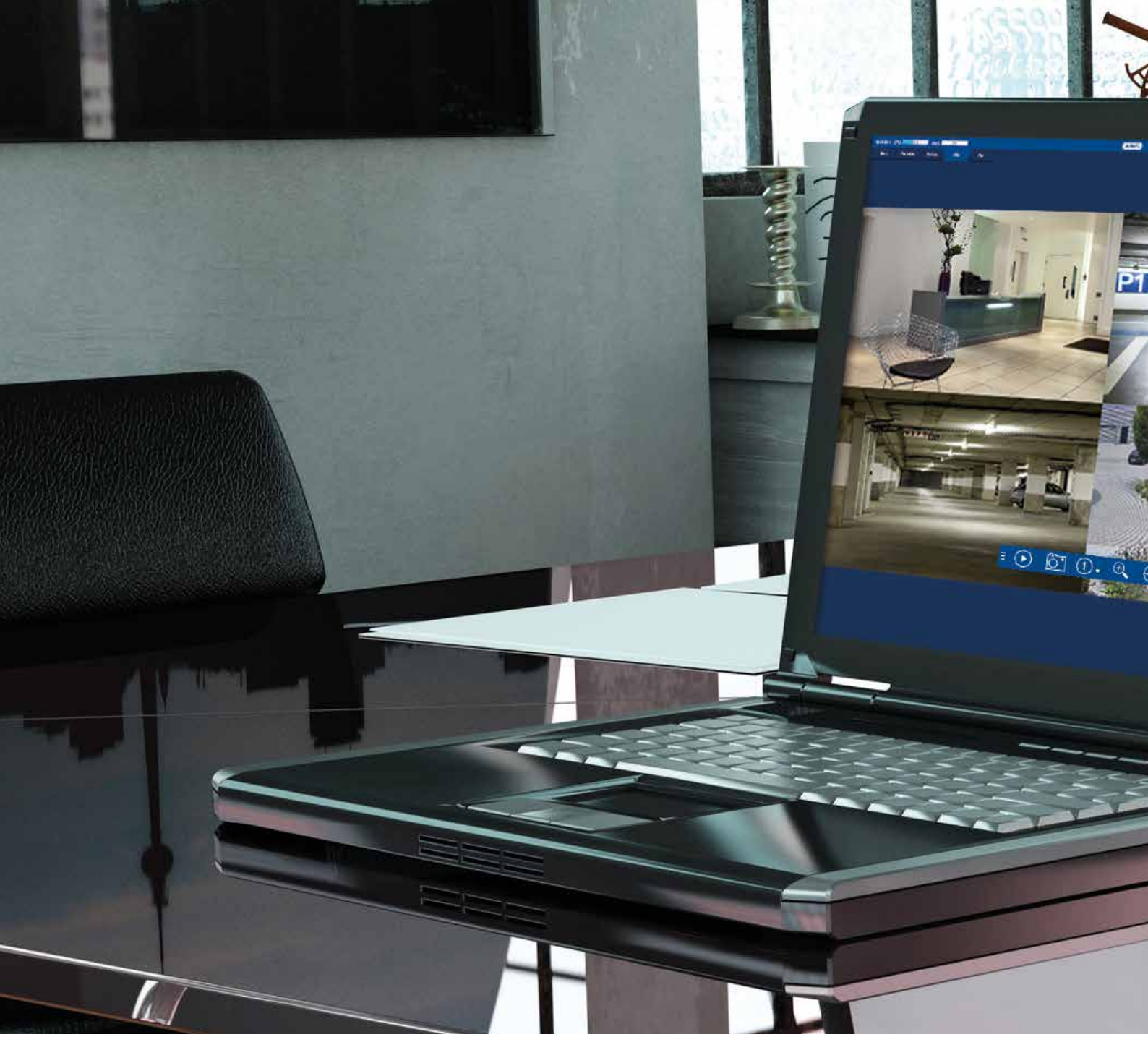
DESIGN AWARD 2015

German Design Award SPECIAL MENTION 2015

reddot award 2015 winner

ABUS NVR AND CMS SOFTWARE
EFFICIENT, SECURE, FLEXIBLE

From small five-channel systems right up to branch monitoring: ABUS network recorders, with between 5 and 32 channels, form a scalable monitoring centre for 80 IP camera models from leading manufacturers. No computer is required to run the hardware with its embedded software, enabling 24/7 operation at a minimal total cost, as maintenance and licensing costs are largely eliminated. The Linux system has optimal virus protection and updates can be performed automatically via the ABUS IP Installer. With a recording capacity of up to 32 TB, mobile access via app and the option to remotely manage up to 256 NVRs using the computer-based ABUS CMS software, the NVR is the perfect solution for a whole host of projects.



Eyseo is the next generation of the ABUS VMS with a focus on IP cameras. Using the free video management software, image sequences from up to 16 network cameras can be viewed, played and recorded. The global interface standard ONVIF is also supported. Users are not only informed about system and camera events via email, but also via push notifications. The cameras can be configured directly from a computer using the software; there is a wizard to guide you through the process step by step.

Made in Germany

EYSEO SOFTWARE

milestone
The Open Platform Company

Synology

artec technologies

SeeTec

axxon
Experience The Next

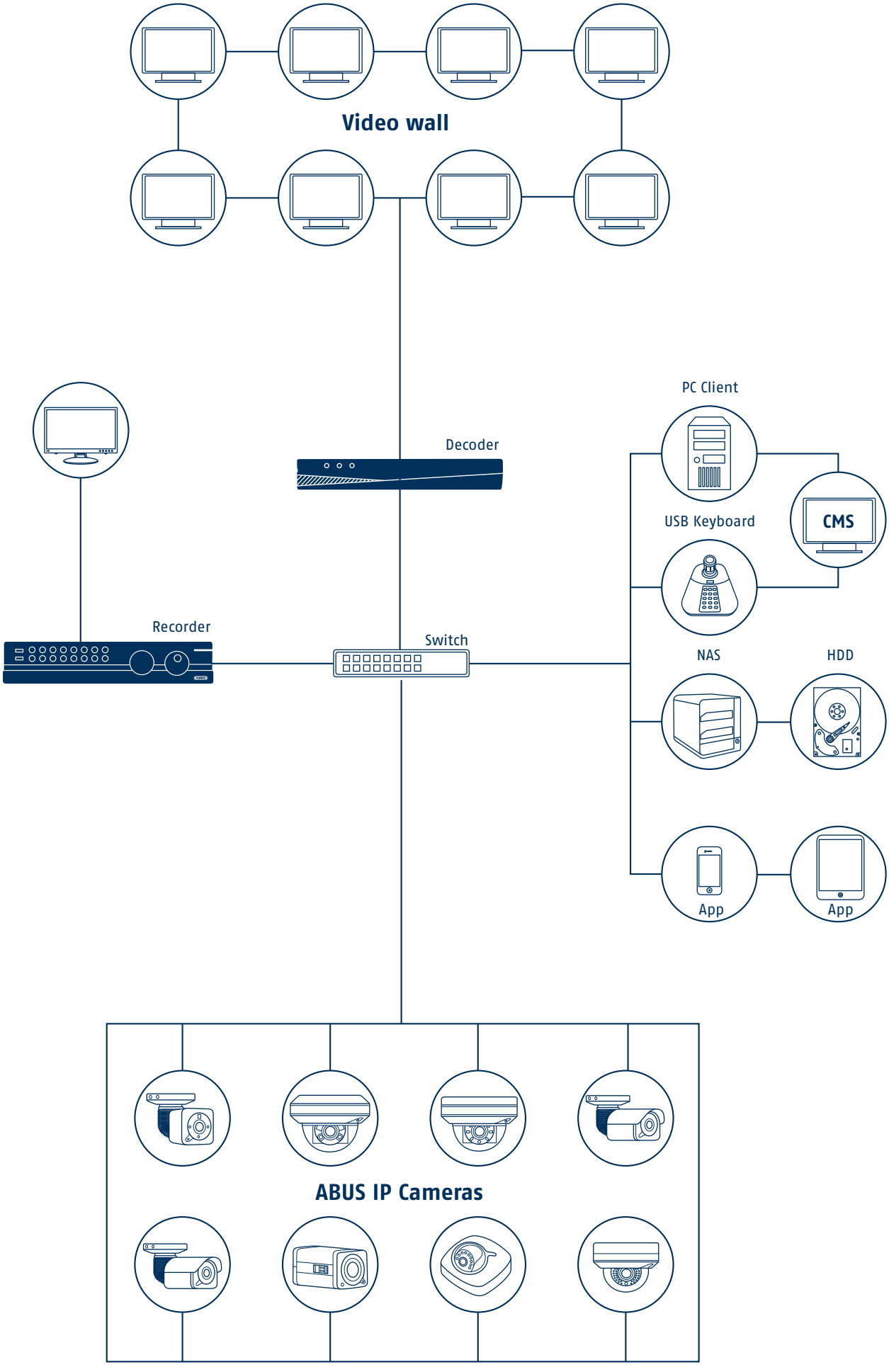
aimetis

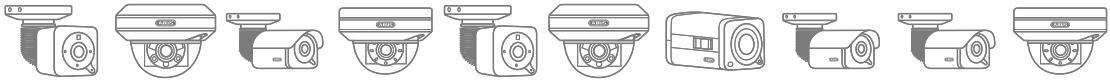
OPEN PLATFORM SOFTWARE INTEGRATION

In the project business, open standards in line with the open platform principle are mandatory for international projects with a high level of integration and for industry solutions. This means that ABUS IP cameras can be easily integrated into standard CCTV/VMS platforms such as Milestone and SeeTec. Protocol integration makes it possible to configure the relevant camera directly from the platform. That makes ABUS IP cameras the perfect choice, even for projects with an existing or pre-specified software platform.

AT A GLANCE
ABUS IP SYSTEM OVERVIEW

A video surveillance system is only ever as good as its weakest component. Image quality, fail-safe performance, integration capability and ease of installation and configuration need to be perfectly synchronised if a top product is to be delivered. ABUS pursues this objective when researching and developing its own IP technology, as expressed by its slogan FOCUS ON DETAILS.


Video wall
Decoder
PC Client
USB Keyboard
CMS
Recorder
Switch
NAS
HDD
App
App
ABUS IP Cameras

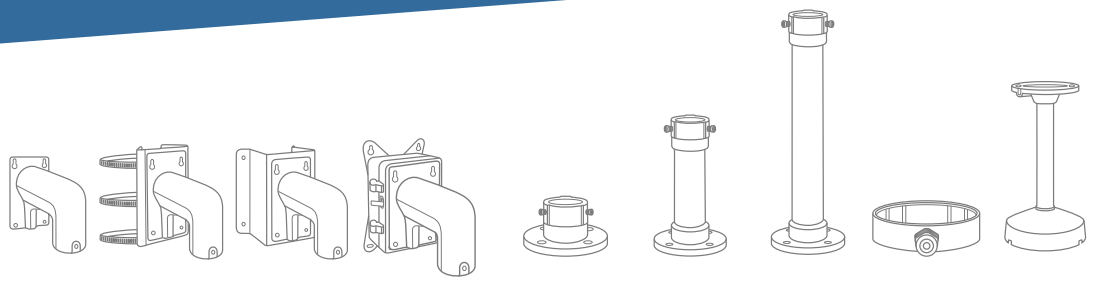


	Indoor IP Compact IR 720p	Indoor IP Dome 720p	Outdoor IP Tube IR 720p	Outdoor IP Dome 720p	Indoor IP Compact IR 1080p	Indoor IP Dome 1080p	Universal IP Boxtype 1080p	Outdoor IP Tube IR 1080p (9–22 mm)	Outdoor IP Tube IR 1080p (3–9 mm)	Outdoor IP Dome 1080p
	TVIP91100	**TVIP91300**	**TVIP91600**	**TVIP91700**	**TVIP92100**	**TVIP92300**	**TVIP92500**	**TVIP92600**	**TVIP92610**	**TVIP92700**
Resolution	HD 720p	HD 720p	HD 720p	HD 720p	Full HD 1080p	Full HD 1080p	Full HD 1080p	Full HD 1080p	Full HD 1080p	Full HD 1080p
Angle of view	H 80°	H 80°	H 80°	H 80°	H 35–90°	H 35–96°	CS Mount lens	H 13–30°	H 35–90°	H 35–96°
Focal length	Fixed, 3.6 mm	Fixed, 3.6 mm	Fixed, 3.6 mm	Fixed, 3.6 mm	3–9 mm	3–9 mm	TVAC65502 TVAC65600	9–22 mm	3–9 mm	3–9 mm
Zoom function	✗	✗	✗	✗	✓ Motorised zoom	✓ Motorised zoom	✗	✓ Motorised zoom	✓ Motorised zoom	✓ Motorised zoom
Recording to internal memory in the event of network failure	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓
Recording to SD card for stand-alone solution	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Outdoor	✗	✗	✓ IP66	✓ IP66	✗	✗	✗	✓ IP66	✓ IP66	✓ IP66
PoE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ICR day/night function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IR	✓	✗	✓	✗	✓	✗	✗	✓	✓	✗
True WDR	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
DWDR	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗
Motion detection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WLAN	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Two-way audio function	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
PTZ function	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
ONVIF compatibility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Recording/apps	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)

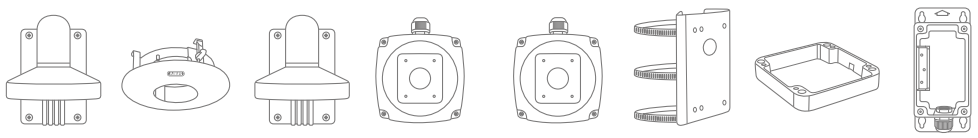
IP CAMERAS
AN OVERVIEW

Universal IP Mini Dome IR 1080p	Universal IP Mini Dome IR WLAN 1080p	Universal IP Dome IR 720p	Universal IP Dome IR 1080p	Dual Flex Encoder	Day/Night PTZ 720p Network Dome Camera	Day/Night PTZ 720p Network Outdoor Dome Camera	Day/Night PTZ 1080p Network Dome Camera	Day/Night PTZ 1080p Network Outdoor Dome Camera	Indoor Hemispher-ic IP Dome 3 MPx	Outdoor Hemispheric IP Dome 6 MPx
IPCB42500	**IPCB42550**	**IPCB71500**	**IPCB72500**	**IPCS10020**	**TVIP81000**	**TVIP81100**	**TVIP82000**	**TVIP82100**	**TVIP83900**	**TVIP86900**
Full HD 1080p	Full HD 1080p	HD 720p	Full HD 1080p	HD 720p	HD 720p	HD 720p	Full HD 1080p	Full HD 1080p	3 MPx	6 MPx
H 106°	H 106°	H 30–98°	H 32–105°	IPCS10001 IPCS10002 IPCS10003	H 3–54°	H 3–54°	H 3–54°	H 3–54°	H 180°	H 180°
Fixed 2.8 mm	Fixed 2.8 mm	Vario 2.8–12 mm	Vario 2.8–12 mm		4.3–86 mm	4.3–86 mm	4.3–86 mm	4.3–86 mm	Fixed, 1.27°	Fixed, 1.27°
✗	✗	✓ Manual	✓ Manual	✗	✓ Autofocus	✓ Autofocus	✓ Autofocus	✓ Autofocus	✗	✗
✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
✓	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓
✓ IP66	✓ IP66	✓ IP66	✓ IP66	✗	✗	✓ IP66	✗	✓ IP66	✗	✓ IP66
✓	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓
✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✗	✗	✗	✗	✗	✓	✓
✗	✗	✗	✗	✓ 1 channel	✗	✗	✗	✗	✗	✗
✓	✓	✓	✓	✗	✓	✓	✓	✓	✗	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
✗	✓	✗	✗	✓	✗	✗	✗	✗	✓	✗
✗	✗	✗	✗	✗	✓	✓	✓	✓	✓ ePTZ	✓ ePTZ
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR via iDVR, IPCam (Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/ IPCam App (iOS, Android)	VMS, NVR/via iDVR	VMS, NVR/via iDVR

OVERVIEW OF WALL MOUNTS AND INSTALLATION BOXES



	Long Wall Mount for Speed Dome	Pole Mount incl. Long Wall Mount for Speed Dome	Corner Mount incl. Long Wall Mount for Speed Dome	Connection Box incl. Long Wall Mount for Speed Dome	5.7 cm Ceiling Bracket for PTZ Dome Cameras	20 cm Ceiling Bracket for PTZ Dome Cameras	50 cm Ceiling Bracket for PTZ Dome Cameras	Installation Box for Hemispheric Camera	Installation Box with Ceiling Bracket for Hemispheric Camera
	TVAC31201	**TVAC31221**	**TVAC31231**	**TVAC31241**	**TVAC31250**	**TVAC31260**	**TVAC31270**	**TVAC31280**	**TVAC31290**
Compatible with:									
TVIP81000	✗	✗	✗	✗	✗	✗	✗	✗	✗
TVIP81100	✓	✓	✓	✓	✓	✓	✓	✗	✗
TVIP82000	✗	✗	✗	✗	✗	✗	✗	✗	✗
TVIP82100	✓	✓	✓	✓	✓	✓	✓	✗	✗
TVIP83900	✗	✗	✗	✗	✗	✗	✗	✓	✓
TVIP86900	✗	✗	✗	✗	✗	✗	✗	✓	✓



	Wall Bracket for TVIP91700/ TVIP92700	Ceiling Mount Frame for IPCB71500/ IPCB72500	Wall Bracket for IPCB71500/ IPCB72500	Installation Box for TVIP91600/ TVIP92600/ TVIP92610	Installation Box for TVIP91100/ TVIP92100	Pole Mount for TVIP91600/ TVIP92600/ TVIP92610	Adapter for IPCB71500/ IPCB72500 (Ceiling Bracket)	Installation Box for Dome Camera Wall Bracket
	TVAC31310	**TVAC31330**	**TVAC31340**	**TVAC31390**	**TVAC31400**	**TVAC31410**	**TVAC31420**	**TVAC31300**
Compatible with:								
TVIP91700	✓	✗	✗	✗	✗	✗	✗	✗
TVIP92700	✓	✗	✗	✗	✗	✗	✗	✗
TVIP91600	✗	✗	✗	✓	✗	✓	✗	✗
TVIP92600	✗	✗	✗	✓	✗	✓	✗	✗
TVIP92610	✗	✗	✗	✓	✗	✓	✗	✗
TVIP91100	✗	✗	✗	✗	✓	✗	✗	✗
TVIP92100	✗	✗	✗	✗	✓	✗	✗	✗
IPCB71500	✗	✓	✓	✗	✗	✗	✓	✗
IPCB72500	✗	✓	✓	✗	✗	✗	✓	✗
TVAC31310	✗	✗	✗	✗	✗	✗	✗	✓
TVAC31340	✗	✗	✗	✗	✗	✗	✗	✓

High-quality components working together in perfect unison: a fundamental requirement for reliable video surveillance. This is why we value stability and smooth interaction between components so highly. ABUS-tested IT components from well-known manufacturers are also available in the online store.

JUST A FEW OF THE IT COMPONENTS WE OFFER:

- client PCs
- racks
- storage expansion units
- switches
- monitors

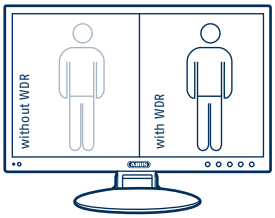
GRAFENTHAL IT PRODUCTS • GERMANY
GOLD PARTNER

rasilient
built for surveillance

IT COMPONENTS FOR VIDEO SURVEILLANCE

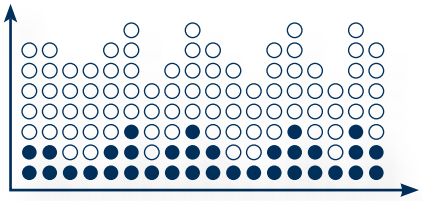
You can find up-to-date prices and further information at www.abus-sc.com

HIGH-CONTRAST COLOUR IMAGES – EVEN AT THE VERY LIMITS



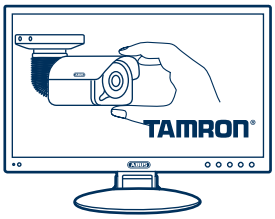
The 1/2.8“ Sony Xarina solution gets the very best out of the WDR function. This means foregrounds and backgrounds are always evenly lit, even in extreme backlight situations.

LOW-NOISE HD STREAMING – REDUCED NETWORK TRAFFIC



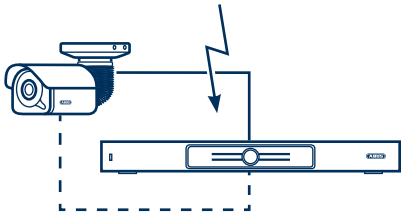
The Sony Exmor™ image sensor and the Sony Xarina DSP allow video image data to be transmitted with low noise, even at full resolution and over low bandwidths, keeping the load on the network at a permanently low level.

MOTORISED ZOOM AND SET-UP VIA WEB BROWSER



Thanks to the Tamron lens with motorised zoom function, installation and focusing of the camera are especially user-friendly. More settings can also be adjusted on the camera itself or via the web interface.

NETWORK LOSS FUNCTION – SMART RECORDING



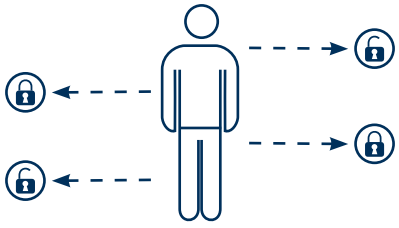
Thanks to the built-in SD card, the integrated cycle recording function ensures automatically triggered recording, for both controlled and uncontrolled network interruptions.

HIGHLIGHTS
FACTS AND FIGURES

INTUITIVE USER INTERFACE

The menu guidance is clear and comprehensible, in line with user requirements. Our user interface is so intuitive that only few words are necessary, with helpful info boxes replacing the conventional printed instruction manual.

SECURITY AND SIMPLIFIED HANDLING



The newly-developed user concept facilitates the work of installers and protects end users against incorrect configuration. Defined user roles provide an additional level of security, especially for sensitive data.

CAMERAS

Article number	TVIP91100	TVIP92100
Description	**Indoor IP Compact IR 720p**	**Indoor IP Compact IR 1080p**
	• HD 720p resolution: 1280 x 720 @ 25 fps • 3.6 mm fixed lens • Day/night switching with electromechanical IR swivel filter (ICR) • IR LEDs for night vision • DWDR function to compensate for image contrasts • Power over Ethernet (PoE) • ONVIF compatible	• Full HD 1080p resolution: 1920 x 1080 @ 30 fps • Sony Xarina DSP and Sony Exmor™ image sensor • Tamron motor-controlled Vario lens, 3.0–9.0 mm • 16 GB internal memory for recording in the event of a network failure • Day/night switching with electromechanical IR swivel filter (ICR) • IR LEDs with variable intensity • True WDR function (120 db) to compensate for high image contrasts • Power over Ethernet (PoE) • ONVIF compatible
Max. resolution @ frame rate	1280 x 720 @ 25 fps	1920 x 1080 @ 30 fps
Image sensor	1/4" Progressive Scan CMOS	1/2,8" Sony Exmor™
Focal length	3,6 mm	3,0 - 9,0 mm
Horizontal angle of view	80°	35 - 90°
Day/night switching	ICR/Color/B/W	ICR/Color/B/W
Minimum illumination (color/IR)	(0.5/0) Lux	(0.2/0) Lux
IR range	10	10
Digital zoom	-	-
Optical zoom	-	3 x
Pan/tilt area	-	-
Video compression	H.264, MJPEG	H.264, MJPEG
Backlight compensation	BLC, DWDR	True WDR
White balance	AWB	ATW
Noise reduction	2D DNR, 3D DNR	3D DNR
Private zones	3	3
ONVIF	Profile S	Profile S
Encryption	HTTPS	HTTPS
Alarming	Relay, E-Mail	Relay, E-Mail
Audio	-	2-Way Audio (over Browser)
Connections	1 x RJ45, 1 x DC, 1 x Alarm input, 1 x Alarm output	1 x RJ45, 1 x DC, 1 x Alarm input, 1 x Alarm output, 1 x Audio input, 1 x Audio output, 1 x CVBS
Alarm input (NO/NC)	1	1
PoE	IEEE 802.3af	IEEE 802.3af
Power consumption	270 mA	480 mA
DC voltage supply	12 (+/-10 %) V DC	12 (+/-10 %) V DC
IP protection class	24	24
Max. operating temperature	50°C	50°C
Dimensions (W × H × D)	82 × 82 × 145 mm	82 × 82 × 145 mm
Scope of delivery incl.	Camera • Quickstart manual • Installation CD	Camera • Quickstart manual • Installation CD
Required accessories	-	-
Recommended accessories	TVAC35000 Plug-in Power Supply „International" • TVAC31400 Installation Box for TVIP91100 / TVIP92100	

Article number	TVIP91600	TVIP92600	TVIP92610
Description	**Outdoor IP Tube IR 720p**	**Outdoor IP Tube IR 1080p (9 – 22 mm)**	**Outdoor IP Tube IR 1080p (3 – 9 mm)**
	• HD 720p resolution: 1280 x 720 @ 25 fps • 3.6 mm fixed lens • Day/night switching with electromechanical IR swivel filter (ICR) • IR LEDs for night vision • DWDR function to compensate for image contrasts • Power over Ethernet (PoE) • ONVIF compatible	• Full HD 1080p resolution: 1920 x 1080 @ 30 fps • Sony Xarina DSP and Sony Exmor™ image sensor • Tamron motor-controlled Vario lens, 9.0 –22.0 mm • IR LEDs with variable intensity • 16 GB internal memory for recording in the event of a network failure • Day/night switching with electromechanical IR swivel filter (ICR) • True WDR function (120 dB) to compensate for high image contrasts • Power over Ethernet (PoE) • ONVIF compatible	
Max. resolution @ frame rate	1280 x 720 @ 25 fps	1920 x 1080 @ 30 fps	1920 x 1080 @ 30 fps
Image sensor	1/4" Progressive Scan CMOS	1/2,8" Sony Exmor™	1/2,8" Sony Exmor™
Focal length	3,6 mm	9,0 - 22,0 mm	3,0 - 9,0 mm
Horizontal angle of view	80°	13 - 30°	35 - 90°
Day/night switching	ICR/Color/B/W	ICR/Color/B/W	ICR/Color/B/W
Minimum illumination (color/IR)	(0.5/0) Lux	(0.35/0) Lux	(0,2/0) Lux
IR range	15	20	20
Digital zoom	-	-	-
Optical zoom	-	2,4 x	3 x
Pan/tilt area	-	-	-
Video compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Backlight compensation	BLC, DWDR	True WDR	True WDR
White balance	AWB	ATW	ATW
Noise reduction	2D DNR, 3D DNR	3D DNR	3D DNR
Private zones	3	3	3
ONVIF	Profile S	Profile S	Profile S
Encryption	HTTPS	HTTPS	HTTPS
Alarming	Relay, E-Mail	Relay, E-Mail	Relay, E-Mail
Audio	-	2-Way Audio (over Browser)	2-Way Audio (over Browser)
Connections	1 x RJ45, 1 x DC, 1 x Alarm input, 1 x Alarm output	1 x RJ45, 1 x DC, 1 x Alarm input, 1 x Alarm output, 1 x Audio In, 1 x Audio Out, 1 x CVBS	1 x RJ45, 1 x DC, 1 x Alarm input, 1 x Alarm output, 1 x Audio In, 1 x Audio Out, 1 x CVBS
Alarm input (NO/NC)	1	1	1
PoE	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af
Power consumption	270 mA	500 mA	500 mA
DC voltage supply	12 (+/-10 %) V DC	12 (+/-10 %) V DC	12 (+/-10 %) V DC
IP protection class	66	66	66
Max. operating temperature	50°C	50°C	60°C
Dimensions (W × H × D)	82 × 82 × 238 mm	82 × 82 × 238 mm	82 × 82 × 238 mm
Scope of delivery incl.	Camera • Quickstart manual • Installation CD	Camera • Quickstart manual • Installation CD	Camera • Quickstart manual • Installation CD
Required accessories	-	-	-
Recommended accessories	TVAC35000 Plug-in Power Supply „International" • TVAC31390 Junction Box for TVIP91600/TVIP92600/TVIP92610 • TVAC31410 Pole Adapter for TVIP91600/TVIP92600/TVIP92610		

Article number	TVIP91300	TVIP92300
Description	**Indoor IP Dome 720p**	**Indoor IP Dome 1080p**
	• HD 720p resolution: 1280 x 720 @ 25 fps • 3.6 mm fixed lens • Day/night switching with electromechanical IR swivel filter (ICR) • 16 GB internal memory for recording in the event of a network failure • DWDR function to compensate for image contrasts • Power over Ethernet (PoE) • ONVIF compatible	• Full HD 1080p resolution: 1920 x 1080 @ 30 fps • Sony Xarina DSP and Sony Exmor™ image sensor • Tamron motor-controlled Vario lens, 3.0–9.0 mm • 16 GB internal memory for recording in the event of a network failure • Day/night switching with electromechanical IR swivel filter (ICR) • True WDR function (120 dB) to compensate for high image contrasts • Power over Ethernet (PoE) • ONVIF compatible
Max. resolution @ frame rate	1280 x 720 @ 25 fps	1920 x 1080 @ 30 fps
Image sensor	1/4" Progressive Scan CMOS	1/2,8" Sony Exmor™
Focal length	3,6 mm	3,0 - 9,0 mm
Horizontal angle of view	80°	35 - 96°
Day/night switching	ICR/Color/B/W	ICR/Color/B/W
Minimum illumination (color/IR)	(0,5/0 (IR ext.)) Lux	(0.2/0 (IR ext.)) Lux
IR range	-	-
Digital zoom	-	-
Optical zoom	-	3 x
Pan/tilt area	-	-
Video compression	H.264, MJPEG	H.264, MJPEG
Backlight compensation	BLC, DWDR	True WDR
White balance	AWB	ATW
Noise reduction	2D DNR, 3D DNR	3D DNR
Private zones	3	3
ONVIF	Profile S	Profile S
Encryption	HTTPS	HTTPS
Alarming	Relay, E-Mail	Relay, E-Mail
Audio	-	2-Way Audio (over Browser)
Connections	1 x RJ45, 1 x DC, 1 x Alarm input, 1 x Alarm output	1 x RJ45, 1 x DC, 1 x CVBS (int.), Opt.: 1 x Alarm input, 1 x Alarm output, 1 x Audio In, 1 x Audio Out, 1 x CVBS
Alarm input (NO/NC)	1	1
PoE	IEEE 802.3af	IEEE 802.3af
Power consumption	140 mA	300 mA
DC voltage supply	12 (+/-10 %) V DC	12 (+/-10 %) V DC
IP protection class	24	24
Max. operating temperature	50°C	50°C
Dimensions (W × H × D)	141 × 98 × 141 mm	141 × 98 × 141 mm
Scope of delivery incl.	Camera • Quickstart manual • Installation CD	Camera • Quickstart manual • Installation CD
Required accessories	-	-
Recommended accessories	TVAC35000 Plug-in Power Supply „International" • TVAC31060 Transparent Dome • TVAC31065 Tinted Dome • TVAC40700 Connecting Cable for TVIP91300	TVAC35000 Plug-in Power Supply „International" • TVAC31060 Transparent Dome • TVAC31065 Tinted Dome • TVAC40700 Connecting Cable for TVIP92300

Article number	TVIP91700	TVIP92700
Description	**Outdoor IP Dome 720p**	**Outdoor IP Dome 1080p**
	• HD 720p resolution: 1280 x 720 @ 25 fps • 3.6 mm fixed lens • Day/night switching with electromechanical IR swivel filter (ICR) • 16 GB internal memory for recording in the event of a network failure • DWDR function to compensate for image contrasts • Power over Ethernet (PoE) • ONVIF compatible • Housing protected against vandalism (IK10) with IP66 protection class	• Full HD 1080p resolution: 1920 x 1080 @ 30 fps • Sony Xarina DSP and Sony Exmor™ image sensor • Tamron motor-controlled Vario lens, 3.0–9.0 mm • 16 GB internal memory for recording in the event of a network failure • Day/night switching with electromechanical IR swivel filter (ICR) • True WDR function (120 dB) to compensate for high image contrasts • Power over Ethernet (PoE) • ONVIF compatible • Housing protected against vandalism (IK10) with IP66 protection class
Max. resolution @ frame rate	1280 x 720 @ 25 fps	1920 x 1080 @ 30 fps
Image sensor	1/4" Progressive Scan CMOS	1/2,8" Sony Exmor™
Focal length	3,6 mm	3,0 - 9,0 mm
Horizontal angle of view	80°	35 - 96°
Day/night switching	ICR/Color/B/W	ICR/Color/B/W
Minimum illumination (color/IR)	(0,5/0 (IR ext.)) Lux	(0.2/0 (IR ext.)) Lux
IR range	-	-
Digital zoom	-	-
Optical zoom	-	3 x
Pan/tilt area	-	-
Video compression	H.264, MJPEG	H.264, MJPEG
Backlight compensation	BLC, DWDR	True WDR
White balance	AWB	ATW
Noise reduction	2D DNR, 3D DNR	3D DNR
Private zones	3	3
ONVIF	Profile S	Profile S
Encryption	HTTPS	HTTPS
Alarming	Relay, E-Mail	Relay, E-Mail
Audio	-	2-Way Audio (over Browser)
Connections	1 x RJ45, 1 x DC, 1 x Alarm input, 1 x Alarm output	1 x RJ45, 1 x DC, 1 x CVBS (int.), Opt.: 1 x Alarm input, 1 x Alarm output, 1 x Audio In, 1 x Audio Out, 1 x CVBS
Alarm input (NO/NC)	1	1
PoE	IEEE 802.3af	IEEE 802.3af
Power consumption	140 mA	300 mA
DC voltage supply	12 (+/-10 %) V DC	12 (+/-10 %) V DC
IP protection class	66	66
Max. operating temperature	50°C	60°C
Dimensions (W × H × D)	141 × 102 × 141 mm	141 × 102 × 141 mm
Scope of delivery incl.	Camera • Quickstart manual • Installation CD	Camera • Quickstart manual • Installation CD
Required accessories	-	-
Recommended accessories	TVAC35000 Plug-in Power Supply „International" • TVAC31060 Transparent Dome • TVAC31065 Tinted Dome • TVAC40710 Connecting Cable for TVIP91700 • TVAC31300 Junction Box for Dome Camera Wall Bracket • TVAC31310 Wall Mount Bracket	TVAC35000 Plug-in Power Supply „International" • TVAC31060 Transparent Dome • TVAC31065 Tinted Dome • TVAC40710 Connecting Cable for TVIP92700 • TVAC31300 Junction Box for Dome Camera Wall Bracket • TVAC31310 Wall Mount Bracket

Article number	IPCB42500	IPCB42550
Description	**Universal IP Mini Dome IR 1080p**	**Universal IP Mini Dome IR WLAN 1080p**
	• Full HD 1080p resolution: 1920 x 1080 @ 25 fps • 2.8 mm fixed lens • microSD card slot for internal data storage (max. 128 GB) • Day/night switching with electromechanical IR swivel filter (ICR) • DWDR function to compensate for image contrasts • ONVIF compatible • Housing protected against vandalism (IK08) with IP66 protection class	• Full HD 1080p resolution: 1920 x 1080 @ 25 fps • 2.8 mm fixed lens • Micro SD card slot for internal data storage up to 128 GB • Day/night switching with electromechanical IR swivel filter (ICR) • DWDR function to compensate for image contrasts • Integrated WLAN, two-way audio, alarm input and output (I/O) • ONVIF compatible • Housing protected against vandalism (IK08) with IP66 protection class
Max. resolution @ frame rate	1920 x 1080 @ 25 fps	1920 x 1080 @ 25 fps
Image sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Focal length	2,8 mm	2,8 mm
Horizontal angle of view	106°	106°
Day/night switching	ICR/Color/B/W	ICR/Color/B/W
Minimum illumination (color/IR)	(0,4/0) Lux	(0,4/0) Lux
IR range	10	10
Digital zoom	-	-
Optical zoom	-	-
Pan/tilt area	-	-
Video compression	H.264, MJPEG	H.264, MJPEG
Backlight compensation	BLC, DWDR	BLC, DWDR
White balance	ATW, manual	AWB, manual
Noise reduction	3D DNR	3D DNR
Private zones	4	4
ONVIF	Profile S	Profile S
Encryption	HTTPS	HTTPS
Alarming	E-Mail, Alarm output	E-Mail, Alarm output
Audio	-	1 x Mic (built-in), 1 x Audio Out
Connections	1 x RJ45, 1 x DC	1 x RJ45, 1 x DC, 1 x Audio out, 1 x Alarm in, 1 x Alarm out
Alarm input (NO/NC)	-	1
PoE	IEEE 802.3af	IEEE 802.3af
Power consumption	500 mA	500 mA
DC voltage supply	12 (+/-10 %) V DC	12 (+/-10 %) V DC
IP protection class	66	66
Max. operating temperature	60°C	60°C
Dimensions (W × H × D)	100 × 53 × 97 mm	100 × 53 × 97 mm
Scope of delivery incl.	Camera • Installation CD • Quickstart manual	Camera • Installation CD • Quickstart manual
Required accessories	-	-
Recommended accessories	TVAC35000 Plug-in Power Supply „International" • TVAC41100 MicroSD card, 32 GB • TVAC41110 MicroSD card, 64 GB	

Available soon!

Article number	IPCB71500	IPCB72500
Description	**Universal IP Dome IR 720p**	**Universal IP Dome IR 1080p**
	• HD 720p resolution: 1280 x 720 @ 25 fps • 2.8 – 12 mm varifocal lens • micro SD card slot for internal data storage up to 128 GB • Day/night switching with electromechanical IR swivel filter (ICR) • DWDR function to compensate for image contrasts • Power over Ethernet (PoE) • ONVIF compatible • Housing protected against vandalism (IK10) with IP66 protection class	• Full HD 1080p resolution: 1920 x 1080 @ 25 fps • 2.8 – 12 mm varifocal lens • micro SD card slot for internal data storage up to 128 GB • Day/night switching with electromechanical IR swivel filter (ICR) • DWDR function to compensate for image contrasts • Power over Ethernet (PoE) • ONVIF compatible • Housing protected against vandalism (IK10) with IP66 protection class
Max. resolution @ frame rate	1280 x 960 @ 30 fps	1920 x 1080 @ 30 fps
Image sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Focal length	2,8 - 12 mm	2,8 - 12 mm
Horizontal angle of view	30 - 98°	32 - 105°
Day/night switching	ICR/Color/B/W	ICR/Color/B/W
Minimum illumination (color/IR)	(0,3/0) Lux	(0,3/0) Lux
IR range	30	30
Digital zoom	-	-
Optical zoom	4,2x	4,2x
Pan/tilt area	-	-
Video compression	H.264, MJPEG	H.264, MJPEG
Backlight compensation	BLC, DWDR	BLC, DWDR
White balance	AWB, manuel	AWB, manuel
Noise reduction	3D DNR	3D DNR
Private zones	4	4
ONVIF	Profile S	Profile S
Encryption	HTTPS	HTTPS
Alarming	E-Mail	E-Mail
Audio	-	-
Connections	1 x RJ45, 1 x DC	1 x RJ45, 1 x DC
Alarm input (NO/NC)	-	-
PoE	IEEE 802.3af	IEEE 802.3af
Power consumption	600 mA	600 mA
DC voltage supply	12 (+/-10 %) V DC	12 (+/-10 %) V DC
IP protection class	66	66
Max. operating temperature	60°C	60°C
Dimensions (W × H × D)	143 × 100 × 143 mm	143 × 100 × 143 mm
Scope of delivery incl.	Camera • Installation CD • Quickstart manual	Camera • Installation CD • Quickstart manual
Required accessories	-	-
Recommended accessories	TVAC35000 Plug-in Power Supply „International" • TVAC31300 Junction Box for Dome Camera Wall Bracket • TVAC31330 Ceiling Mount Frame for IPCB71500 / IPCB72500 • TVAC31340 Wall bracket for IPCB71500 / IPCB72500 • TVAC41100 MicroSD card, 32 GB • TVAC41110 MicroSD card, 64 GB • TVAC31420 Adapter for IPCB71500 / IPCB72500 (ceiling mount)	

Article number TVIP92500

Description	Universal IP Boxtype 1080p

- Full HD 1080p resolution: 1920 x 1080 @ 30 fps
- Sony Xarina DSP and Sony Exmor™ image sensor
- 16 GB internal memory for recording in the event of a network failure
- Day/night switching with electromechanical IR swivel filter (ICR)
- True WDR function (120 dB) to compensate for high image contrasts
- Power over Ethernet (PoE)
- ONVIF compatible

Max. resolution @ frame rate	1920 x 1080 @ 30 fps
Image sensor	1/2,8" Sony Exmor™
Focal length	-
Horizontal angle of view	-
Day/night switching	ICR/Color/B/W
Minimum illumination (color/IR)	(0.2/0 (IR ext.)) Lux
IR range	-
Digital zoom	-
Optical zoom	-
Pan/tilt area	-
Video compression	H.264, MJPEG
Backlight compensation	True WDR
White balance	ATW
Noise reduction	3D DNR
Private zones	3
ONVIF	Profile S
Encryption	HTTPS
Alarming	Relay, E-Mail
Audio	2-Way Audio (over Browser)
Connections	1 x RJ45, 1 x DC, 1 x CVBS, 1 x Alarm input, 1 x Alarm output, 1 x Audio Out, 1 x Audio In
Alarm input (NO/NC)	1
PoE	IEEE 802.3af
Power consumption	250 mA
DC voltage supply	12 (+/-10 %) V DC
IP protection class	24
Max. operating temperature	50°C
Dimensions (W × H × D)	63 × 63 × 129 mm
Scope of delivery incl.	Camera • Installation CD • Quickstart manual • Camera mount 125 mm
Required accessories	TVAC35000 Plug-in Power Supply „International" • TVAC65502 1/2.7" IR Vario Megapixel Lens 2.8 – 10 mm • TVAC65600 1/2,7" IR Vario Megapixel Lens 12,5 – 50,0 mm
Recommended accessories	TVAC70200 Outdoor Housing with Heating and Power Supply • TV8390 Camera Mount 125 mm • TVAC35000 Plug-in Power Supply „International"

Article number	TVIP83900	TVIP86900
Description	**Indoor Hemispheric IP Dome 3 MPx**	**Outdoor Hemispheric IP Dome 6 MPx**
	• 360°/180° panorama views with up to 3 MPx resolution • Unobtrusive compact design • Digital, stageless panning, tilting or zooming without mechanical camera movement • Freely-configurable tours (Pan/Tilt) • Up to 25 fps real-time video • With alarm in- and output and audio in- and output	• 360°/180° panorama views with up to 6 MPx resolution • Sturdy design and high protection class (IP66) • Digital, stageless panning, tilting or zooming without mechanical camera movement • Freely-configurable tours (Pan/Tilt) • Up to 25 fps real-time video
Max. resolution @ frame rate	2048 x 1536 @ 25 fps	3072 x 2048 @ 25 fps
Image sensor	1/3" CMOS	1/1,8" CMOS
Focal length	1,27 mm	1,27 mm
Horizontal angle of view	180°	180°
Day/night switching	ICR/Color/B/W	ICR/Color/B/W
Minimum illumination (color/IR)	(0,6/0) Lux	(0,3/0) Lux
IR range	5	5
Digital zoom	ePTZ	ePTZ
Optical zoom	-	-
Pan/tilt area	360°/80° (ePTZ)	360°/80° (ePTZ)
Video compression	H.264, MJPEG	H.264, MJPEG
Backlight compensation	BLC	DWDR
White balance	AWB	AWB
Noise reduction	3D DNR	3D DNR
Private zones	-	-
ONVIF	Profile S	Profile S
Encryption	HTTPS	HTTPS
Alarming	Yes	-
Audio	Yes	-
Connections	1 x RJ45, 1 x DC, 1 x Alarm-In, 1 x Alarm-Out, 1 x Audio-In, 1 x Audio-Out	1 x RJ45, 1 x DC
Alarm input (NO/NC)	1	-
PoE	IEEE 802.3af	IEEE 802.3af
Power consumption	950 mA	950 mA
DC voltage supply	12 (+/-10 %) V DC	12 (+/-10 %) V DC
IP protection class	24	66
Max. operating temperature	60°C	60°C
Dimensions (W × H × D)	164 × 46 × 153 mm	164 × 44 × 153 mm
Scope of delivery incl.	Camera • Installation CD-ROM • Quickstart manual	Camera • Installation CD-ROM • Quickstart manual
Required accessories	-	-
Recommended accessories	TVAC35000 Plug-in Power Supply „International" • TVAC31280 Installation Box for Hemispheric Camera • TVAC31290 Installation Box with 23/46 cm Ceiling Bracket for Hemispheric Camera • TVAC41100 MicroSD card, 32 GB • TVAC41110 MicroSD card, 64 GB	

Precise resolutions for all camera channels can be found in the technical data at www.abus.com.

Supplied without mount

Article number	TVIP81100	TVIP82100

Description	Day/Night PTZ 720p Outdoor Network Dome Camera	Day/Night PTZ 1080p Outdoor Network Dome Camera
	• HD 720p resolution: 1280 × 720 @ 25 fps • 20x autofocus motorzoom lens, 4.3 - 86.0 mm • Weatherproof camera housing (IP66) • Integrated heater • 8 tours with up to 32 pre-set positions per tour • DNR function for images free of noise • 7 alarm inputs and 2 alarm outputs • Automatic privacy zone masking • ONVIF compatible	• HD 1080p resolution: 1980 × 1080 @ 25 fps • 20x autofocus motorzoom lens, 4.3 – 86.0 mm • Weatherproof camera housing (IP66) • Integrated heater • 8 tours with up to 32 pre-set positions per tour • DNR function for images free of noise • 7 alarm inputs and 2 alarm outputs • Automatic privacy zone masking • ONVIF compatible
Max. resolution @ frame rate	1280 x 720 @ 25 fps	1920 x 1080 @ 25 fps
Image sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Focal length	4,3 - 86,0 mm	4,3 - 86,0 mm
Horizontal angle of view	3 - 54°	3 - 54°
Day/night switching	ICR / Color / B/W	ICR/Color/B/W
Minimum illumination (color/IR)	(0.05/0 (IR ext.)) Lux	(0.05/0 (IR ext.)) Lux
IR range	-	-
Digital zoom	16x	16x
Optical zoom	20x	20x
Pan/tilt area	360°/90°	360°/90°
Video compression	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG
Backlight compensation	DWDR, BLC	DWDR, BLC
White balance	AWB	AWB
Noise reduction	3D DNR	3D DNR
Private zones	24	24
ONVIF	Profile S	Profile S
Encryption	HTTPS	HTTPS
Alarming	E-Mail/FTP/Relay	E-Mail/FTP/Relay
Audio	G.711ulaw/G.711alaw/G.726	G.711ulaw/G.711alaw/G.726
Connections	1 x RJ45, 1 x AC, 7 x Input, 2 x Output, 1 x RS-485, 1 x Audio-In, 1 x Audio-Out, 1 x BNC	1 x RJ45, 1 x AC, 7 x Input, 2 x Output, 1 x RS-485, 1 x Audio-In, 1 x Audio-Out, 1 x BNC
Alarm input (NO/NC)	7	7
PoE	-	-
Power consumption	1500 mA	1500 mA
DC voltage supply	24 V AC	24 V AC
IP protection class	66	66
Max. operating temperature	65°C	65°C
Dimensions (H ×)	325.5 × 220 mm	325.5 × 220 mm
Scope of delivery incl.	Camera • 24 V AC power supply unit • Installation CD • Quickstart manual • Adapter panel • Installation material • 2 × Gloves • Teflon tape	Camera • 24 V DC power supply unit • Installation CD • Quickstart manual • Adapter panel • Installation material • 2 × Gloves • Teflon tape
Required accessories	-	-
Recommended accessories	TVAC31201 Long Wall Mount for Speed Dome • TVAC31221 Pole Mount incl. Long Wall Mount for Speed Dome • TVAC31231 Corner Mount incl. Long Wall Mount for Speed Dome • TVAC31240 Junction Box incl. Long Wall Mount for Speed Dome • TVAC31250 5.7 cm Ceiling Mount For PTZ Dome Cameras • TVAC31260 20 cm Ceiling Mount For PTZ Dome Cameras • TVAC31270 50 cm Ceiling Mount for PTZ Dome Cameras	

Article number	TVIP81000	TVIP82000
Description	**Day/Night PTZ 720p Network Dome Camera**	**Day/Night PTZ 1080p Network Dome Camera**
	• HD 720p resolution: 1280 × 720 @ 25 fps • 20x autofocus motorzoom lens, 4.3 – 86.0 mm • 8 tours with up to 32 pre-set positions per tour • DNR function for images free of noise • Automatic privacy zone masking • 7 alarm inputs and 2 alarm outputs • ONVIF compatible	• HD 1080p resolution: 1980 × 1080 @ 25 fps • 20x autofocus motorzoom lens, 4.3 – 86.0 mm • 8 tours with up to 32 pre-set positions per tour • Dynamic privacy zone masking • 7 alarm inputs and 2 alarm outputs • DNR function for low-noise images • ONVIF compatible
Max. resolution @ frame rate	1280 x 720 @ 25 fps	1920 x 1080 @ 25 fps
Image sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Focal length	4,3 - 86,0 mm	4,3 - 86,0 mm
Horizontal angle of view	3 - 54°	3 - 54°
Day/night switching	ICR / Color / B/W	ICR/Color/B/W
Minimum illumination (color/IR)	(0.05/0 (IR ext.)) Lux	(0.05/0 (IR ext.)) Lux
IR range	-	-
Digital zoom	16x	16x
Optical zoom	20x	20x
Pan/tilt area	360°/90°	360°/90°
Video compression	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG
Backlight compensation	DWDR, BLC	DWDR, BLC
White balance	AWB	AWB
Noise reduction	3D DNR	3D DNR
Private zones	24	24
ONVIF	Profile S	Profile S
Encryption	HTTPS	HTTPS
Alarming	E-Mail/FTP/ Relay	E-Mail/FTP/ Relay
Audio	G.711ulaw/G.711alaw/G.726	G.711ulaw/G.711alaw/G.726
Connections	1 x RJ45, 1 x AC, 7 x Input, 2 x Output, 1 x RS-485, 1 x Audio-In, 1 x Audio-Out, 1 x BNC	1 x RJ45, 1 x AC, 7 x Input, 2 x Output, 1 x RS-485, 1 x Audio-In, 1 x Audio-Out, 1 x BNC
Alarm input (NO/NC)	7	7
PoE	-	-
Power consumption	1500 mA	1500 mA
DC voltage supply	24 V AC	24 V AC
IP protection class	24	24
Max. operating temperature	50°C	50°C
Dimensions (H ×)	243 × 220 mm	243 × 220 mm
Scope of delivery incl.	Camera • 24 V DC power supply unit • Installation CD • Kurz-anleitung • Adapter panel • Installation material • 2 × Gloves • Teflon tape	Camera • 24 V DC power supply unit • Installation CD • Quickstart manual • Adapter panel • Installation material • 2 × Gloves • Teflon tape
Required accessories	-	-
Recommended accessories	-	-

Article number **IPCS10020**

Description	Dual Flex Encoder

- HD 720p resolution: 1280 x 720 @ 25 fps
- Two camera modules can be connected
- microSD card slot for internal data storage up to 128 GB
- True WDR function to compensate high image contrasts (on one channel)
- Two-way audio, alarm input and output (I/O)
- Power over Ethernet (PoE)

Max. resolution @ frame rate	1280 x 720 @ 25 fps
Image sensor	1/3'' Progressive Scan CMOS
Focal length	-
Horizontal angle of view	-
Day/night switching	-
Minimum illumination (color/IR)	-
IR range	-
Digital zoom	Yes
Optical zoom	-
Pan/tilt area	-
Video compression	H.264, MPEG-4, MJPEG
Backlight compensation	BLC, WDR, HLC
White balance	AWB
Noise reduction	3D DNR
Private zones	8
ONVIF	Profile S
Encryption	-
Alarming	-
Audio	1 x Audio-In, 1 x Audio-Out
Connections	2 x Video-In, 1 x RJ45, RS-485, RS-232, Audio-In, Audio-Out, Alarm-In, Alarm-Out
Alarm input (NO/NC)	1
PoE	802.3af
Power consumption	600 mA
DC voltage supply	12 (+/-10%) V DC
IP protection class	-
Max. operating temperature	50°C
Dimensions (W × H × D)	78 × 32 × 105 mm
Scope of delivery incl.	Dual-Flex-Encoder • Installation CD • Quickguide
Required accessories	IPCS10001 Tube Camera Module with 2.8 mm Lens • IPCS10002 Compact Camera Module with 3.7 mm Pinhole Lens • Tube Camera Module with 3.7 mm Pinhole Lens
Recommended accessories	TVAC35000 Plug-in Power Supply „International" • TVAC41100 MicroSD card, 32 GB • TVAC41110 MicroSD card, 64 GB

Article number	IPCS10001	IPCS10002	IPCS10003
Description	**Tube Camera Module with 2.8 mm Lens**	**Compact Camera Module with 3.7 mm Pinhole Lens**	**Tube Camera Module with 3.7 mm Pinhole Lens**
	• HD 720p resolution: 1280 x 720 • 2.8 mm miniature lens • Angle of view: 92° • 8 m cable length • Ideal for discreet video surveillance • Includes a compatible bracket	• HD 720p resolution: 1280 x 720 • 3.7 mm needle eye lens • Angle of view: 57° • 8 m cable length • Ideal for discreet video surveillance • Includes a compatible bracket	• HD 720p resolution: 1280 x 720 • 3.7 mm needle eye lens • Angle of view: 57° • 8 m cable length • Ideal for discreet video surveillance • Includes a compatible bracket
Max. resolution @ frame rate	1280 x 720 @ 25 fps	1280 x 720 @ 25 fps	1280 x 720 @ 25 fps
Image sensor	1/3" Progressive Scan CMOS Sensor	1/3" Progressive Scan CMOS Sensor	1/3" Progressive Scan CMOS Sensor
Focal length	2,8 mm	3,7 mm	3,7 mm
Horizontal angle of view	92°	57°	57°
Day/night switching	colour/B/W	colour/B/W	colour/B/W
Minimum illumination (color/IR)	(1/-) Lux	(1/-) Lux	(1/-) Lux
IP protection class	24	24	24
Max. operating temperature	50°C	50°C	50°C
Dimensions (W × H × D)	72 × 65 mm × 141 mm	37 × 27 mm	40 × 26 mm
Scope of delivery incl.	Camera • Bracket	Camera • Bracket	Camera • Bracket
Required accessories	IPCS10020 Dual Flex Encoder	IPCS10020 Dual Flex Encoder	IPCS10020 Dual Flex Encoder
Recommended accessories	-	-	-

Supplied without hard disk drive

Supplied without hard disk drive

Article number	TVVR35002	TVVR35011
Description	**5-channel NVR 290 Mbit (50/240)**	**8-channel NVR 340 Mbit (100/240)**
	• Records and manages video streams with data throughput up to 290 Mbit/s (50 Mbit/s in, 240 Mbit/s out) • Manages 5 cameras with a total input rate of 50 Mbit/s • 5-channel live display at 1080p resolution • Installation wizard for simple operational setup • Control management of monitoring images with ABUS CMS software • Mobile access using the iDVR app • ONVIF compatible • Max. 4 alarm inputs	• Records and manages video streams with data throughput up to 340 Mbit/s (100 Mbit/s in, 240 Mbit/s out) • Manages 8 cameras with a total input rate of 100 Mbit/s • 4-channel live display at 1080p resolution • Installation wizard for simple operational setup • Control management of monitoring images with • ABUS CMS software • Mobile access using the iDVR app • ONVIF compatible • Max. 4 alarm inputs
Recording resolution @ frame rate per camera (PAL)	5 x 1080p @ 50 MBit/s	8 x 1080p @ 100 MBit/s
Total frame rate (PAL)	125 fps	200 fps
Total network throughput (input/output)	290 MBit/s (50 MBit/s / 240 MBit/s)	340 MBit/s (100 MBit/s / 240 MBit/s)
Recording duration at min. resolution and frame rate	477 Hours/TB	298 Hours/TB
Recording duration at max. resolution and frame rate	119 Hours/TB	74 Hours/TB
Storage medium	2 x SATA HDD port	2 x SATA HDD port
Recording modes	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm
Search modes	By event, date and time, Smart-Search	By event, date and time, Smart-Search
Network access functions	128 camera connections/Live view, playback, data export, settings	128 camera connections/Live view, playback, data export, settings
Audio	Line In: 1 x Cinch (2,0 V p-p, 1000 Ω), Audio Out: 2 x Cinch (600 Ω)	Line In: 1 x Cinch (2,0 V p-p, 1000 Ω), Audio Out: 2 x Cinch (600 Ω)
Monitor outputs	1 x VGA, 1 x main BNC, 1 x HDMI	1 x VGA, 1 x main BNC, 1 x HDMI
Relay output	2 (maximum load: 12 V DC / 1 A)	1 (maximum load: 12 V DC / 1 A)
DC voltage supply	12 V DC	12 V DC
Max. operating temperature	55°C	55°C
Max. humidity	90%	90%
Dimensions (W × H × D)	485 × 135 × 385 mm	470 × 95 × 450 mm
Scope of delivery incl.	DVR • USB mouse • 2 × Hard drive cable • Recorder software (on CD) • User guide (on CD) • User guide • Power supply unit	DVR • USB mouse • 2 × Hard drive cable • Recorder software (on CD) • User guide • Installation material • Power supply unit
Required accessories	TVAC41030 3 TB 3,5" SATA HDD	TVAC41030 3 TB 3,5" SATA HDD
Recommended accessories	TVAC10060 24" Full HD LED Monitor • TVAC41040 4 TB 3.5" SATA HDD • TVAC40900 USB DVD Burner	

RECORDER

Supplied without hard disk drive

Article number	TVVR45021	TVVR45030
Description	**16-channel NVR 360 Mbit (200/160)**	**32-channel NVR 360 Mbit (200/160)**
	• Records and manages video streams with data throughput up to 360 Mbit/s (200 Mbit/s in, 160 Mbit/s out) • Manages 16 cameras with a total input rate of 200 Mbit/s • 8x HDD (3 TB each) • HDMI output • Installation wizard for simple operational setup • Control management of monitoring images with ABUS CMS software • Mobile access using the iDVR app • ONVIF compatible • Max. 16 alarm inputs	• Records and manages video streams with data throughput up to 360 Mbit/s (200 Mbit/s in, 160 Mbit/s out) • Manages 32 cameras with a total input rate of 200 Mbit/s • 8x HDD (3 TB each) • HDMI output • Installation wizard for simple operational setup • Control management of monitoring images with ABUS CMS software • Mobile access using the iDVR app • ONVIF compatible • Max. 16 alarm inputs
Recording resolution @ frame rate per camera (PAL)	16 x 1080p @ 200 MBit/s	32 x 1080p @ 200 MBit/s
Total frame rate (PAL)	400 fps	800 fps
Total network throughput (input/output)	360 MBit/s (200 MBit/s / 160 MBit/s)	360 MBit/s (200 MBit/s / 160 MBit/s)
Recording duration at min. resolution and frame rate	149 Hours/TB	74 Hours/TB
Recording duration at max. resolution and frame rate	37 Hours/TB	18 Hours/TB
Storage medium	8 x SATA , 1x eSATA HDD ports	8 x SATA , 1x eSATA HDD port
Recording modes	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm	Manual, schedule, motion detection, alarm, motion detection and alarm, motion detection or alarm
Search modes	By event, date and time, Smart-Search	By event, date and time, Smart-Search
Network access functions	128 camera connections/Live view, playback, data export, settings	128 camera connections/Live view, playback, data export, settings
Audio	Line In: 1 x Cinch (2,0 V p-p, 1000 Ω), Audio Out: 2 x Cinch (600 Ω)	Line In: 1 x Cinch (2,0 V p-p, 1000 Ω), Audio Out: 2 x Cinch (600 Ω)
Monitor outputs	1 x VGA, 1 x Main BNC, 1 x HDMI	1 x VGA, 1 x Main BNC, 1 x HDMI
Relay output	4 (maximum load: 12 V DC / 1 A)	4 (maximum load: 12 VDC / 1 A)
DC voltage supply	100 - 240 V AC	100 - 240 V AC
Max. operating temperature	55°C	55°C
Max. humidity	90%	90%
Dimensions (W × H × D)	470 × 95 × 450 mm	470 × 95 × 450 mm
Scope of delivery incl.	DVR • USB mouse • 8 × Hard drive cable • Recorder software (on CD) • User guide • Installation material • 3 × Power cable	DVR • USB mouse • 8 × Hard drive cable • Recorder software (on CD) • User guide • Installation material • 3 × Power cable
Required accessories	TVAC41030 3 TB 3,5" SATA HDD	TVAC41030 3 TB 3,5" SATA HDD
Recommended accessories	TVAC10060 24" Full HD LED Monitor • TVAC41040 4 TB 3.5" SATA HDD • TVAC40900 USB DVD Burner	

SOFTWARE AND APPS

Live view

Playback

Article number	TVSW11001

Description	ABUS CMS Software

- PC software for management of up to 256 recorders and 1024 video channels
- Live view and playback for up to 64 cameras on 4 monitors
- Integrated time schedule management, event programming and log data evaluation
- Graphical bar display of the camera archive with time bars for event and continuous record
- Remote configuration for recorder programming
- Simple data export via integrated download manager
- Integrated alarm manager with pop-up function for immediate display and playback of suspicious events
- Creation of snapshots directly from the live view
- Creation and management of up to 50 users, with the option of individual configuration for each user
- Smart search through recordings using motion detection so events can be found quickly

IP settings

Article number	TVSW12000	APP16000

Description	ABUS IP Installer	ABUS Assistant (iOS)

- PC software for performing quick searches for all ABUS devices on the network
- Quick process for making changes to the IP settings
- Display of firmware statuses and automatic online firmware updates for all ABUS cameras and recorders
- Straightforward download of the manual and quick guide for discovered devices

- Universal app for iPhone and iPad
- Integrated storage capacity calculator for up to 64 cameras
- Selection of a camera with an appropriate focal length in a matter of seconds using the integrated focal length calculator
- Hints and tips on cameras, recorders and recording software

Live view

Playback

Article number	TVSW13000
Description	**Eyseo**

- PC software for live casting, playback and recording of up to 16 network cameras
- Handy setup wizard with step-by-step instructions
- Remote access using the Eyseo PC client or the Eyseo Android/iOS app
- Simple configuration of the detail settings of the camera without opening the camera/web interface
- Management of up to 5 users with detailed rights management
- Simple management and assignment of the hard disk drive by integrated calculation and evaluation of the individual video stream of each camera
- Simple control of the PTZ camera
- Integrated ONVIF support for 4 camera channels
- Integrated help for each settings page within the software

Article number	APP13300	APP13400
Description	**Eyseo Viewer (iOS)**	**Eyseo Viewer (Android)**

- Universal app (for smartphones and tablets) for live casting and playback on selected iOS devices
- Support for push notifications to alert user of system and camera events
- Automatic display of the live stream when a push notification is received
- Search function for rapid filtering and display of content
- Secure HTTPS connection for remote access
- Display of the system and camera status
- Display of the camera's overview image and full-screen stream
- Choose between Stream1 and Stream2 depending on the available bandwidth
- PTZ control including presets and patrol arming
- Recordings can be exported and screenshots of the livecast can be taken directly on mobile devices

Article number	APP12300	APP12400
Description	**iDVR Plus (iOS)**	**iDVR Plus HD (iOS)**
	• App for all current ABUS video recorders (DVR) and network recorders (NVR) – optimised for iPhones • Simultaneous live image display of up to 4 cameras • Straightforward camera organisation using drag and drop • Direct saving of snapshots/video clips from the live view or the playback function onto the local device memory • Remote access to recordings captured by the recorder • Control of a PTZ camera using finger movements on the touchscreen	• Free remote app for all current ABUS video recorders (DVR) and network video recorders (NVR) • Simultaneous live image display of up to 16 cameras • Straightforward camera organisation using drag and drop • Direct saving of snapshots/video clips from the live view or the playback function onto the local device memory • Remote access to recordings captured by the recorder • Control of a PTZ camera using finger movements on the touchscreen

Article number	APP12500	APP12600
Description	**iDVR Plus (Android)**	**iDVR Plus HD (Android)**
	• App for all current ABUS video recorders (DVR) and network recorders (NVR) – optimised for Android smartphones • Simultaneous live image display of up to 4 cameras • Straightforward camera organisation using drag and drop • Direct saving of snapshots/video clips from the live view or the playback function onto the local device memory • Remote access to recordings captured by the recorder • Control of a PTZ camera using finger movements on the touchscreen • Configuration and call up of preset positions • Pinch-to-zoom function for stepless zooming (digital) in the camera's live image and playback (easier to read)	• App for all current ABUS video recorders (DVR) and network recorders (NVR) – optimised for Android tablets • Simultaneous live image display of up to 16 cameras • Straightforward camera organisation using drag and drop • Direct saving of snapshots/video clips from the live view or the playback function onto the local device memory • Remote access to recordings captured by the recorder • Control of a PTZ camera using finger movements on the touchscreen • Configuration and call up of preset positions • Pinch-to-zoom function for stepless zooming (digital) in the camera's live image and playback (easier to read)

Article number	APP11000	APP11200
Description	**IPCam (iOS)**	**IP Cam (Android)**
	• Universal app for iPhone and iPad for displaying live images from your camera • Simultaneous display of up to 12 network cameras (iPhone)/18 network cameras (iPad) in preview view • Simple control of PTZ cameras • Control of predefined positions of PTZ cameras • Starting and stopping of patrols • Manual switching of relay outputs and detection of alarm inputs • Minimal bandwidth required thanks to H.264/MPEG-4 image transmission (depending on camera model) • Storage of up to 5 snapshots in a row (sequential) • Support for landscape mode in individual image view	• App for Android smartphones for displaying live images from your camera • Option to configure up to 16 network cameras • Simultaneous display of up to 4 network cameras in preview view • Simple control of PTZ cameras • Control of predefined positions of PTZ cameras • Starting and stopping of patrols • Minimal bandwidth required thanks to H.264/MPEG-4 image transmission (depending on camera model) • Snapshot function in live view • Landscape and portrait mode in preview and individual image view

MOUNTS

Article number	TVAC31390	TVAC31400
Description	**Junction Box for TVIP91600/TVIP92600/TVIP92610**	**Installation box for TVIP91100 / TVIP92100**
	• For protecting wiring both indoors and outdoors • Sturdy aluminium construction • Colour: white	• For protecting wiring both indoors and outdoors • Sturdy aluminium construction • Colour: white
Dimensions (W × H × D)	130 × 50 × 130 mm	130 × 50 × 130 mm
Scope of delivery incl.	Junction box for TVIP91600/TVIP92600/TVIP92610	Junction box for TVIP91100/TVIP92100
Required accessories	TVIP91600 Outdoor IP Tube IR 720p • TVIP92600 Outdoor IP Tube IR 1080p (9 – 22 mm) • TVIP92610 Outdoor IP Tube IR 1080p (3 – 9 mm)	TVIP91100 Indoor IP Compact IR 720p • TVIP92100 Indoor IP Compact IR 1080p

Article number	TVAC31300	TVAC31410
Description	**Junction Box for Dome Camera Wall Bracket**	**Pole Adapter for TVIP91600/TVIP92600/TVIP92610**
	• For protecting wiring both indoors and outdoors • Compatible products: TVAC31310/TVAC31320 • Sturdy aluminium construction • Internal cable routing possible	• For attaching to poles and pipes • For poles with a diameter of 130–165 mm
Dimensions (W × H × D)	123 × 63 × 243 mm	-
Scope of delivery incl.	Junction Box for Dome Camera Wall Bracket	Pole Adapter for TVIP91600/TVIP92600/TVIP92610
Required accessories	TVAC31310 Wall Mount Bracket for TVIP91700/TVIP92700 • TVAC31340 Wall bracket for IPCB71500 / IPCB72500	TVAC31390 Junction Box for TVIP91600/TVIP92600/TVIP92610 • TVIP91600 Outdoor IP Tube IR 720p • TVIP92600 Outdoor IP Tube IR 1080p (9 – 22 mm) • TVIP92610 Outdoor IP Tube IR 1080p (3 – 9 mm)

Article number	TVAC31330	TVAC31420
Description	**Ceiling Mount Frame for IPCB71500 / IPCB72500**	**Adapter for IPCB71500 / IPCB72500 (ceiling mount)**
	• Ceiling mount frame for use indoors and outdoors • Provides cover and protection when mounting on ceilings • Cover made of white plastic • Installation kit including mounting accessories	• Conceals and protects wiring when mounted on the ceiling • Colour: white
Dimensions (W × H × D)	87 × 245 mm	143 × 25 × 143 mm
Scope of delivery incl.	Ceiling Mount Frame for IPCB71500 / IPCB72500	Adapter for IPCB71500 / IPCB72500 (ceiling mount)
Required accessories	IPCB71500 Universal IP Dome IR 720p • IPCB72500 Universal IP Dome IR 1080p	IPCB71500 Universal IP Dome IR 720p • IPCB72500 Universal IP Dome IR 1080p

Article number	TVAC31310	TVAC31340
Description	**Wall Mount Bracket for TVIP91700/TVIP92700**	**Wall bracket for IPCB71500 / IPCB72500**
	• Wall bracket for TVIP91700/TVIP92700 • Internal cable routing possible • Sturdy aluminium construction for indoors and outdoors	• Internal cabling is possible • Sturdy aluminium construction for indoors and outdoors
Dimensions (W × H × D)	142 × 184 × 235 mm	141 × 184 × 235 mm
Scope of delivery incl.	Wall Mount Bracket for IP Dome Camera	Wall Mount Bracket for IP Dome Camera
Required accessories	TVAC31300 Junction Box for Dome Camera Wall Bracket • TVIP91700 Outdoor IP Dome 720p • TVIP92700 Outdoor IP Dome 1080p	IPCB71500 Universal IP Dome IR 720p • IPCB72500 Universal IP Dome IR 1080p • TVAC31300 Junction Box for Dome Camera Wall Bracket

Article number	TVAC31201	TVAC31221
Description	**Long Wall Mount for Speed Dome**	**Pole Mount incl. Long Wall Mount for Speed Dome**
	• Simple installation of ABUS PTZ dome cameras • Length of mount (projection): 310 mm • For wall mounting	• Simple installation of ABUS PTZ dome cameras • For mounting on poles and pipes • For poles with a diameter of 67 – 127 mm • Long wall mount (310 mm) included with delivery
Dimensions (W × H × D)	97 × 182 × 310 mm	117 × 194 × 46 mm
Scope of delivery incl.	Wall mount • Installation material	Mast mount • Installation material
Required accessories	TVIP81100 Day/Night PTZ 720p Outdoor Network Dome Camera • TVIP82100 Day/Night PTZ 1080p Outdoor Network Dome Camera	

Article number	TVAC31231	TVAC31241
Description	**Corner Mount incl. Long Wall Mount for Speed Dome**	**Junction Box incl. Long Wall Mount for Speed Dome**
	• Simple installation of ABUS PTZ dome cameras • For mounting in corners and inaccessible places • Size: 179 × 194 mm, opening angle: 90° • Wall mount (310 mm) included with delivery	• Simple installation of ABUS PTZ dome cameras • Camera power supply can be installed on the mount for protection from weather • Length of mount (projection): 310 mm • For wall mounting
Dimensions (W × H × D)	119 × 106 × 194 mm	210 × 310 × 400 mm
Scope of delivery incl.	Corner mount • Installation material	Wall mount • Installation material
Required accessories	TVIP81100 Day/Night PTZ 720p Outdoor Network Dome Camera • TVIP82100 Day/Night PTZ 1080p Outdoor Network Dome Camera	

Article number	TVAC31250	TVAC31260	TVAC31270
Description	**5.7 cm Ceiling Mount For PTZ Dome Cameras**	**20 cm Ceiling Mount For PTZ Dome Cameras**	**50 cm Ceiling Mount for PTZ Dome Cameras**
	• Ceiling bracket for TVIP81100/TVIP82100/TVHD75500/TVCC81000/TVCC81500 • Internal cable routing possible • Sturdy aluminium construction for indoors and outdoors • Load-bearing capacity: 10 kg		
Dimensions (W × H × D)	116.5 × 57 × 116.5 mm	200 × 116.5 mm	500 × 116.5 mm
Scope of delivery incl.	5.7 cm Ceiling Mount For PTZ Dome Cameras	20 cm Ceiling Mount For PTZ Dome Cameras	50 cm Ceiling Mount for PTZ Dome Cameras
Required accessories	TVIP81100 Day/Night PTZ 720p Outdoor Network Dome Camera • TVIP82100 Day/Night PTZ 1080p Outdoor network dome camera	TVIP81100 Day/Night PTZ 720p Outdoor Network Dome Camera • TVIP82100 Day/Night PTZ 1080p Outdoor network dome camera	TVIP81100 Day/Night PTZ 720p Outdoor Network Dome Camera • TVIP82100 Day/Night PTZ 1080p Outdoor network dome camera

Article number	TVAC31280	TVAC31290
Description	**Installation Box for Hemispheric Camera**	**Installation Box With 23/46 cm Ceiling Bracket for Hemispheric Camera**
	• For protecting wiring both indoors and outdoors • Sturdy aluminium construction • Load-bearing capacity: 4.5 kg • Colour: white • 1 opening with 2.5 cm diameter for cabling	• For protecting wiring both indoors and outdoors • Sturdy aluminium construction • Internal cable routing possible • Load-bearing capacity: 4.5 kg • Colour: white • 1 opening with 2.5 cm diameter for cabling
Dimensions (H × Ø)	45 × 165 mm	460 × 165 mm
Scope of delivery incl.	Installation Box for Hemispheric Camera	Installation Box With 23/46 cm Ceiling Bracket for Hemispheric Camera
Required accessories	TVIP83900 Indoor Hemispheric IP Dome 3 MPx • TVIP86900 Outdoor Hemispheric IP Dome 6 MPx	TVIP83900 Indoor Hemispheric IP Dome 3 MPx • TVIP86900 Outdoor Hemispheric IP Dome 6 MPx

Article number	TV8390	TV8391	TV8392
Description	**Camera Mount 125 mm**	**Camera Mount 215 mm**	**Arch Camera Mount 250 x 160 mm**
	• Elegant aluminium mount • 360° ball joint with quick release • Internal cable routing possible • Load capacity: 4 kg • 1/4" tripod screw	• Elegant aluminium mount • 360° ball joint with quick release • Internal cable routing possible • Load capacity: 4 kg • 1/4" tripod screw	• Elegant aluminium mount • 360° ball joint with quick release • Internal cable routing possible • Load capacity: 4 kg • 1/4" tripod screw
Dimensions (W × H × D)	40 × 125 × 40 mm	40 × 215 × 40 mm	40 × 160 × 250 mm
Scope of delivery incl.	Camera Mount 125 mm	Camera Mount 215 mm	Arch Camera Mount 250 x 160 mm
Required accessories	TVIP92500 Universal IP Boxtype 1080p	TVIP92500 Universal IP Boxtype 1080p	TVIP92500 Universal IP Boxtype 1080p

Article number	TV8393	TV8394	TV8339
Description	**Extension for Camera Mount, 100 mm**	**Extension for Camera Mount, 200 mm**	**Mount for Cameras / IR Illuminators**
	• Elegant aluminium mount • Load capacity: 4 kg • Internal cable routing possible		• 1/4" tripod screw • Max. load: 6 kg • Flexible mount for wall and ceiling, indoor and outdoor • Anti-swivel protection
Dimensions (W × H × D)	100 × 40 mm	200 × 40 mm	64 × 186 × 89 mm
Scope of delivery incl.	Extension for Camera Mount, 100 mm	Extension for Camera Mount, 200 mm	Mount for Cameras / IR Illuminators • Manual
Required accessories	TVIP92500 Universal IP Boxtype 1080p	TVIP92500 Universal IP Boxtype 1080p	TVIP92500 Universal IP Boxtype 1080p

STORAGE MEDIA

Article number	TVAC41010	TVAC41020	TVAC41030	TVAC41040
Description	**1 TB 3,5" SATA HDD**	**2 TB 3,5" SATA HDD**	**3 TB 3,5" SATA HDD**	**4 TB 3,5" SATA HDD**
	• Hard drive suited for 24/7 use • 1 TB storage capacity • Quick installation • Compatible with NVRs/DVRs having SATA connections	• Hard drive suited for 24/7 use • 2 TB storage capacity • Quick installation • Compatible with NVRs/DVRs having SATA connections	• Hard drive suited for 24/7 use • 3 TB storage capacity • Quick installation • Compatible with NVRs/DVRs having SATA connections	• Hard drive suited for 24/7 use • 4 TB storage capacity • Quick installation • Compatible with NVRs/DVRs having SATA connections
Dimensions (W × H × D)	102 × 20 × 147 mm	102 × 20 × 147 mm	102 × 20 × 147 mm	102 × 20 × 147 mm
Scope of delivery incl.	SATA hard drive, 1 TB	SATA hard drive, 2 TB	SATA hard drive, 3 TB	SATA hard drive, 4 TB
Required accessories	-	-	-	-

Article number	TVAC41100	TVAC41110
Description	**Micro SD card, 32 GB**	**Micro SD card, 64 GB**
	• Ideal for storing video data during long-term continuous operation • High write speed of up to 20 MB/s (class 10) • Tested for adverse operating conditions: shock-resistant, waterproof and able to withstand extreme temperatures	
Scope of delivery incl.	MicroSD Card 32GB • Adapter microSD to SD	MicroSD Card 64GB • Adapter microSD to SD
Required accessories	-	-

IR ILLUMINATORS

Article number	TVAC71000	TVAC71010	TVAC71020
Description	**IR Illuminator S – 850 nm, 60°, 10 m**	**IR Illuminator S – 850 nm, 30°, 20 m**	**IR Illuminator S – 940 nm, 60°, 5 m**
	• Integrated photo sensor for automatic activation and deactivation • Variable power supply input 12-24 AC/DC • Semidiscreet for wide ranges • Range up to 10 m • IP66 for indoors and outdoors	• Integrated photo sensor for automatic activation and deactivation • Variable power supply input 12-24 AC/DC • Semidiscreet for long ranges • Range up to 20 m • IP66 for indoors and outdoors	• Integrated photo sensor for automatic activation and deactivation • Variable power supply input 12-24 AC/DC • Discreet, invisible to the human eye • Range up to 5 m • IP66 for indoors and outdoors
Dimensions (W × H × D)	85 × 49 × 55 mm	85 × 49 × 55 mm	85 × 49 × 55 mm
Scope of delivery incl.	Iluminator • User guide	Iluminator • User guide	Iluminator • User guide
Required accessories	TV8339 Mount for Cameras / IR Illuminators • TVAC35500 CCTV Performance Power Supply 2 A		

Article number	TVAC71030	TVAC71040
Description	**IR Illuminator S - 940 nm, 20°, 10 m**	**WL Illuminator S – 6300K, 60°, 14 m**
	• Integrated photo sensor for automatic activation and deactivation • Variable power supply input 12 - 24 AC/DC • Discreet, invisible to the human eye • Range up to 10 m • IP66 for indoors and outdoors	• LED white light illuminator for excellent colour display day and night • Integrated photo sensor for automatic activation and deactivation • Variable power supply input 12 - 24 AC/DC • Range up to 14 m • IP66 for indoors and outdoors
Dimensions (W × H × D)	85 × 49 × 55 mm	137 × 64 × 67 mm
Scope of delivery incl.	Iluminator • User guide	Iluminator • User guide
Required accessories	TV8339 Mount for Cameras / IR Illuminators • TVAC35500 CCTV Performance Power Supply 2 A	

Article number	TVAC71050	TVAC71060
Description	**IR Illuminator M – 850 nm, 60°, 12 m**	**IR Illuminator M – 850 nm, 30°, 30 m**
	• Integrated photo sensor for automatic activation and deactivation • Variable power supply input 12 - 24 AC/DC • Semidiscreet for long ranges • Range up to 12 m • IP66 for indoors and outdoors	• Integrated photo sensor for automatic activation and deactivation • Variable power supply input 12 - 24 AC/DC • Semidiscreet for long ranges • Range up to 30 m • IP66 for indoors and outdoors
Dimensions (W × H × D)	85 × 69 × 70 mm	85 × 69 × 70 mm
Scope of delivery incl.	Iluminator • User guide	Iluminator • User guide
Required accessories	TV8339 Mount for Cameras / IR Illuminators • TVAC35500 CCTV Performance Power Supply 2 A	

Article number	TVAC71110	TVAC71100
Description	**IR Illuminator L – 850 nm, 30°, 35 m**	**IR Illuminator L - 850 nm, 60°, 15 m**
	• Integrated photo sensor for automatic activation and deactivation • Variable power supply input 12 - 24 AC/DC • Semidiscreet for long ranges • Range up to 35 m • IP66 for indoors and outdoors	• Integrated photo sensor for automatic activation and deactivation • Variable power supply input 12 - 24 AC/DC • Semidiscreet for long ranges • Range up to 15 m • IP66 for indoors and outdoors
Dimensions (W × H × D)	85 × 69 × 89 mm	85 × 69 × 89 mm
Scope of delivery incl.	Iluminator • User guide	Iluminator • User guide
Required accessories	TV8339 Mount for Cameras / IR Illuminators • TVAC35500 CCTV Performance Power Supply 2 A	

ADDITIONAL ACCESSORIES

Article number	TVAC26100	TVAC26110	TVAC26120	TVAC26130
Description	**4-channel TV Wall Decoder**	**8-channel TV Wall Decoder**	**12-Channel TV Wall Decoder**	**16-channel TV Wall Decoder**
	• High definition multi-screen decoder for displaying video streams on video walls • 4 DVI-I outputs for controlling standard monitors (additional HDMI adapters included in the scope of delivery) • Supported monitor resolution of between 1024 x 768 @ 60 Hz and 1920 x 1080 @ 60 Hz • Decoder output per channel of 4CIF up to 8 MPx			
Dimensions (W × H × D)	440 × 88 × 340 mm	440 × 88 × 340 mm	440 × 88 × 340 mm	440 × 88 × 340 mm
Scope of delivery incl.	4 channel TV-wall decoder • Mounting material • Power cable • 4 × DVI-to-HDMI adapter	8 channel TV-wall decoder • Mounting material • Power cable • 8 × DVI-to-HDMI adapter	12 channel TV-wall decoder • Mounting material • Power cable • 12 × DVI-to-HDMI adapter	16 channel TV-wall decoder • Mounting material • Power cable • 16 × DVI-to-HDMI adapter
Required accessories	TVSW11001 ABUS CMS Software	TVSW11001 ABUS CMS Software	TVSW11001 ABUS CMS Software	TVSW11001 ABUS CMS Software

Article number	TVAC10012	TVAC10031	TVAC10060
Description	**17" LED Monitor with BNC port**	**19.5" HD+ LED Monitor**	**24" Full HD LED Monitor**
	• Resolution: 1280 x 1024 pixels • Fast reaction time (5 ms) • LED background lighting: brilliant colour display and contrast • Graphical on-screen display (OSD) • Connections: HDMI, VGA, S-Video, 2 x BNC in/out, 2 x cinch (audio), PC audio input • Integrated loudspeaker • Low power consumption (LED technology) • For wall and ceiling installation (with VESA mount)	• Resolution: 1600 x 900 pixels • Fast reaction time (5 ms) • LED background lighting: brilliant colour display and contrast • Graphical on-screen display (OSD) • Connections: HDMI, DVI, VGA, audio input and output • Integrated loudspeakers • Low power consumption (LED technology) • For wall and ceiling installation (with VESA mount)	• Resolution: 1920 x 1080 pixels • Fast reaction time (5 ms) • LED background lighting: brilliant colour display and contrast • Graphical on-screen display (OSD) • Connections: HDMI, DVI, VGA, audio input and output • Integrated loudspeakers • Low power consumption (LED technology) • For wall and ceiling installation (with VESA mount)
Dimensions (W × H × D)	372 × 370 × 50 mm	470 × 360 × 75 mm	580 × 425 × 75 mm
Scope of delivery incl.	17" LED Monitor with BNC port • Power supply • Câble HDMI • VGA cable • PC Audio cable • Important safety information	19.5" HD+ LED Monitor • Power supply • HDMI cable • VGA cable • PC Audio cable • Important safety information • Remote control	24" Full HD LED Monitor • Power supply • HDMI cable • VGA cable • PC Audio cable • Important safety information • Remote control
Required accessories	-	-	-

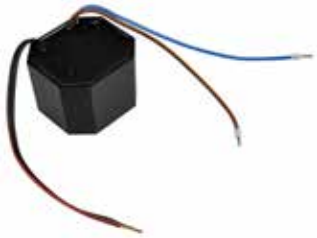
Article number	TVAC26010	TVAC40900
Description	**USB Keyboard for ABUS CMS/NVR**	**USB DVD Burner**
	• Simple PTZ control of cameras with ABUS CMS software • 3-axis joystick (horizontal/vertical/rotation) • 15 freely configurable buttons for presets/patrols and other functions • 2 shortcut buttons on the control handle for taking snapshots • Power supply and data transmission via USB	• For simple data export to DVD • Compatible with ABUS recorders (except TVVR25000 and TVVR25010) • Supports all common disk formats • USB 2.0 connection
Dimensions (W × H × D)	167 × 116 × 177 mm	50 × 160 mm
Scope of delivery incl.	USB Keyboard for ABUS CMS/NVR	USB DVD Burner • USB cable • Power supply unit
Required accessories	TVSW11001 ABUS CMS Software	-

Article number	TVAC40700	TVAC40710	TVAC40720	TVAC40730
Description	**Connecting Cable for TVIP91300**	**Connecting Cable for TVIP91700**	**Connecting Cable for TVIP92300**	**Connecting Cable for TVIP92700**
	• With RJ45 connection, power supply and alarm input/output		• With RJ45 connection, power supply, test monitor output, alarm input/output and audio input/output	
Scope of delivery incl.	Connecting cable	Connecting cable	Connecting cable	Connecting cable
Required accessories	TVIP91300 Indoor IP Dome 720p	TVIP91700 Outdoor IP Dome 720p	TVIP92300 Indoor IP Dome 1080p	TVIP92700 Outdoor IP Dome 1080p

Article number	TVAC31060	TVAC31065
Description	**Transparent Dome for TVIP91300, TVIP91700, TVIP92300, TVIP92700**	**Tinted Dome for TVIP91300, TVIP91700, TVIP92300, TVIP92700**
	• Exchangeable transparent dome • Polycarbonate dome • Windproof and weatherproof (IP66) • Suitable for TVIP91300, TVIP91700, TVIP92300, and TVIP92700	• Exchangeable tinted dome • Polycarbonate dome • Windproof and weatherproof (IP66) • The camera's angle of view remains hidden • Suitable for TVIP91300, TVIP91700, TVIP92300, and TVIP92700
Scope of delivery incl.	Transparent bubble	Smoked bubble
Required accessories	TVIP91300 Indoor IP Dome 720p • TVIP91700 Outdoor IP Dome 720p • TVIP92300 Indoor IP Dome 1080p • TVIP92700 Outdoor IP Dome 1080p	

Article number	TV8496	TVAC70200
Description	**Pole Mount for TVAC70200**	**Outdoor Housing with Heating and Power Supply**
	• For mounting the weatherproof housing on masts and poles	• Protection class IP68 • Integrated 12 V DC (1.5 A, gross) power supply unit • Internal cable routing • Two integrated heating elements • Suitable for use in any outdoor area
Dimensions (W × H × D)	120 × 120 × 20 mm	154 × 123 × 410 mm
Scope of delivery incl.	Pole Mount for Outdoor Housing • 2 × Pole mounts, 83 - 178 mm • Pole mounts, 64 - 127 mm	Wheaterproof housing • Joint component • Mounting set
Required accessories	TVAC70200 Outdoor Housing with Heating and Power Supply	TV8496 Pole Mount for TVAC70200 • TVIP92500 Universal IP Boxtype 1080p

Article number	TVAC35500	TVAC35510	TVAC35520
Description	**CCTV Performance Power Supply 2 A**	**CCTV Performance Power Supply 3 A**	**CCTV Performance Power Supply 5 A**
	• Regulated 13.8 V DC output signal • Electronic overload protection • Additional 1.0 charging current for backup battery (with holding charge) • LED control indicators for mains and fuse • Rugged metal housing		
Dimensions (W × H × D)	338 × 281 × 86 mm	338 × 281 × 86 mm	338 × 281 × 86 mm
Scope of delivery incl.	CCTV Performance Power Supply 2 A • User guide • Installation material	CCTV Performance Power Supply 3 A • Installation manual • Installation material	CCTV Performance Power Supply 5 A • Installation manual • Installation material
Required accessories	TVAC35800 DC 2-Pin Adapter	TVAC35800 DC 2-Pin Adapter	TVAC35800 DC 2-Pin Adapter



Article number	TVAC35600	TVAC35000	TVAC35201
Description	**High-Power Supply Unit for Outdoor Use**	**Plug-in Power Supply "International"**	**Mini Built-in Power Supply Unit**
	• 12 – 15 V DC, 5 A power supply for outdoor use • Electronic overload protection • Protection class IP66 • Optimised for all cameras with integrated infrared • LEDs and IR spotlights requiring 12 V DC	• Flexible switching power supply for international use • 4 different plug adapters (EU, AUS, UK, US) • Output voltage 12 V DC with 1.5 A	• Stabilized mini power supply unit • Also ideal for installation in 55 mm flush mount sockets • Input voltage: 230 V AC • Output voltage: 12 V DC at 1.0 A
Dimensions (W × H × D)	182 × 180 × 90 mm	44 × 74 × 36 mm	53 × 26 × 49 mm
Scope of delivery incl.	High-Power Supply Unit for Outdoor Use • 2 × PG screw connection	Plug-in Power Supply "International"	Mini Built-in Power Supply Unit
Required accessories	TVAC35800 DC 2-Pin Adapter	-	-

Article number	TVAC65502	TVAC65600
Description	**1/2.7" IR Vario Megapixel Lens 2.8 – 10 mm**	**1/2,7" IR Vario Megapixel Lens 12,5 – 50,0 mm**
	• Suitable for megapixel cameras • Compatible with IR light • Optimised edge clarity and light sensitivity	• Suitable for megapixel cameras • Finer focus adjustment with improved focus ring lock • Compatible with IR light • Optimised edge clarity and light sensitivity
Dimensions (H × Ø)	49 × 49 mm	63 × 60 mm
Scope of delivery incl.	Lens • User guide	Lens • User guide
Required accessories	TVIP92500 Universal IP Boxtype 1080p	TVIP92500 Universal IP Boxtype 1080p

Article number	TVAC25000
Description	**PoE Injector**
	• For transmitting power and data via network cable to all PoE capable network cameras • Transmission range up to 100 m • Meets IEEE 802.3af standard
Dimensions (W × H × D)	86 × 36 × 76 mm
Scope of delivery incl.	PoE Injector • Three-pin network cable
Required accessories	-

Article number	TVAC35800	TVAC40890
Description	**DC 2-Pin Adapter**	**RJ45 Connector**
	• Connection of a 2 wire power supply to the round plug (DC) of the camera	• Suited for CAT-5 cable
Scope of delivery incl.	DC/2 Pin Adapter	RJ45 Connector • Bend relief
Required accessories	-	-

Article number	AU1312	AU1313
Description	**Warning Sticker CCTV Surveillance, (English) 148 x 105mm**	**Warning Sticker CCTV Surveillance, (English) , 74 x 52,5mm**
	• Printed on both sides • For "on glass" or "behind glass" • Reflecting • UV-resistant • Available in two sizes	• Printed on both sides • For "on glass" or "behind glass" • Reflecting • UV-resistant • Available in two sizes
Dimensions	105 × 148 mm	52.5 × 74 mm
Scope of delivery incl.	Warning Sticker CCTV Surveillance, (English) 148 x 105mm	Warning Sticker CCTV Surveillance, (English) , 74 x 52,5mm
Required accessories	-	-

APP11000	IPCam (iOS)	**39**
APP11200	IPCam (Android)	**39**
APP12300	iDVR Plus	**38**
APP12400	iDVR Plus HD	**38**
APP12500	iDVR Plus	**38**
APP12600	iDVR Plus HD	**38**
APP13300	Eyseo Viewer	**37**
APP13400	Eyseo Viewer	**37**
APP16000	ABUS Assistant (iOS)	**36**
AU1312	Warning Sticker CCTV Surveillance, (English) 148 x 105mm	**53**
AU1313	Warning Sticker CCTV Surveillance, (English) 74 x 52,5mm	**53**
IPCB42500	Universal IP Mini Dome IR 1080p	**26**
IPCB42550	Universal IP Mini Dome IR WLAN 1080p	**26**
IPCB71500	Universal IP Dome IR 720p	**27**
IPCB72500	Universal IP Dome IR 1080p	**27**
IPCS10001	Tube Camera Module with 2.8 mm Lens	**33**
IPCS10002	Compact Camera Module with 3.7 mm Pinhole Lens	**33**
IPCS10003	Tube Camera Module with 3.7 mm Pinhole Lens	**33**
IPCS10020	Dual Flex Encoder	**32**
TV8339	Mount for Cameras / IR Illuminators	**44**
TV8390	Camera Mount 125 mm	**44**
TV8391	Camera Mount 215 mm	**44**
TV8392	Arch Camera Mount 250 x 160 mm	**44**
TV8393	Extension for Camera Mount, 100 mm	**44**
TV8394	Extension for Camera Mount, 200 mm	**44**
TV8496	Pole Mount for TVAC70200	**50**
TVAC10012	17" LED Monitor with BNC port	**48**
TVAC10031	19.5" HD+ LED Monitor	**48**
TVAC10060	24" Full HD LED Monitor	**48**
TVAC25000	PoE Injector	**52**
TVAC26010	USB Keyboard for ABUS CMS/NVR	**49**
TVAC26100	4-channel TV Wall Decoder	**48**
TVAC26110	8-channel TV Wall Decoder	**48**
TVAC26120	12-Channel TV Wall Decoder	**48**
TVAC26130	16-channel TV Wall Decoder	**48**
TVAC31060	Transparent Dome for TVIP91300, TVIP91700, TVIP92300, TVIP92700	**50**
TVAC31065	Tinted Dome for TVIP91300, TVIP91700, TVIP92300, TVIP92700	**50**
TVAC31201	Long Wall Mount for Speed Dome	**42**
TVAC31221	Pole Mount incl. Long Wall Mount for Speed Dome	**42**
TVAC31231	Corner Mount incl. Long Wall Mount for Speed Dome	**42**
TVAC31241	Junction Box incl. Long Wall Mount for Speed Dome	**42**
TVAC31250	5.7 cm Ceiling Mount For PTZ Dome Cameras	**43**
TVAC31260	20 cm Ceiling Mount For PTZ Dome Cameras	**43**
TVAC31270	50 cm Ceiling Mount for PTZ Dome Cameras	**43**
TVAC31280	Installation Box for Hemispheric Camera	**43**
TVAC31290	Installation Box With 23/46 cm Ceiling Bracket for Hemispheric Camera	**43**
TVAC31300	Junction Box for Dome Camera Wall Bracket	**40**
TVAC31310	Wall Mount Bracket for TVIP91700/TVIP92700	**41**
TVAC31330	Ceiling mount frame for IPCB71500 / IPCB72500	**41**
TVAC31340	Wall bracket for IPCB71500 / IPCB72500	**41**
TVAC31390	Junction Box for TVIP91600/TVIP92600/TVIP92610	**40**
TVAC31400	Installation box for TVIP91100 / TVIP92100	**40**
TVAC31410	Pole Adapter for TVIP91600/TVIP92600/TVIP92610	**40**
TVAC31420	Adapter for IPCB71500 / IPCB72500 (ceiling mount)	**41**
TVAC35000	Plug-in Power Supply "International"	**51**
TVAC35201	Mini Built-in Power Supply Unit	**51**
TVAC35500	CCTV Performance Power Supply 2 A	**51**
TVAC35510	CCTV Performance Power Supply 3 A	**51**
TVAC35520	CCTV Performance Power Supply 5 A	**51**
TVAC35600	High-Power Supply Unit for Outdoor Use	**51**
TVAC35800	DC 2-Pin Adapter	**53**
TVAC40700	Connecting Cable for TVIP91300	**49**
TVAC40710	Connecting Cable for TVIP91700	**49**
TVAC40720	Connecting Cable for TVIP92300	**49**
TVAC40730	Connecting Cable for TVIP92700	**49**
TVAC40890	RJ45 Connector	**53**
TVAC40900	USB DVD Burner	**49**
TVAC41010	1 TB 3,5" SATA HDD	**45**
TVAC41020	2 TB 3,5" SATA HDD	**45**
TVAC41030	3 TB 3,5" SATA HDD	**45**
TVAC41040	4 TB 3,5" SATA HDD	**45**
TVAC41100	Micro SD card, 32 GB	**45**
TVAC41110	Micro SD card, 64 GB	**45**
TVAC70200	Outdoor Housing with Heating and Power Supply	**50**
TVAC65502	1/2.7" IR Vario Megapixel Lens 2.8 – 10 mm	**52**
TVAC65600	1/2,7" IR Vario Megapixel Lens 12,5 – 50,0 mm	**52**
TVAC71000	IR Illuminator S – 850 nm, 60°, 10 m	**46**
TVAC71010	IR Illuminator S – 850 nm, 30°, 20 m	**46**
TVAC71020	IR Illuminator S – 940 nm, 60°, 5 m	**46**
TVAC71030	IR Illuminator S - 940 nm, 20°, 10 m	**46**
TVAC71040	WL Illuminator S – 6300K, 60°, 14 m	**46**
TVAC71050	IR Illuminator M – 850 nm, 60°, 12 m	**47**
TVAC71060	IR Illuminator M – 850 nm, 30°, 30 m	**47**
TVAC71100	IR Illuminator L - 850 nm, 60°, 15 m	**47**
TVAC71110	IR Illuminator L – 850 nm, 30°, 35 m	**47**
TVIP81000	Day/Night PTZ 720p Network Dome Camera	**31**
TVIP81100	Day/Night PTZ 720p Outdoor Network Dome Camera	**30**
TVIP82000	Day/Night PTZ 1080p Network Dome Camera	**31**
TVIP82100	Day/Night PTZ 1080p Outdoor network dome camera	**30**
TVIP83900	Indoor Hemispheric IP Dome 3 MPx	**29**
TVIP86900	Outdoor Hemispheric IP Dome 6 MPx	**29**
TVIP91100	Indoor IP Compact IR 720p	**22**
TVIP91300	Indoor IP Dome 720p	**24**
TVIP91600	Outdoor IP Tube IR 720p	**23**
TVIP91700	Outdoor IP Dome 720p	**25**
TVIP92100	Indoor IP Compact IR 1080p	**22**
TVIP92300	Indoor IP Dome 1080p	**24**
TVIP92500	Universal IP Boxtype 1080p	**28**
TVIP92600	Outdoor IP Tube IR 1080p (9 – 22 mm)	**23**
TVIP92610	Outdoor IP Tube IR 1080p (3 – 9 mm)	**23**
TVIP92700	Outdoor IP Dome 1080p	**25**
TVSW11001	ABUS CMS Software	**36**
TVSW12000	ABUS IP Installer	**36**
TVSW13000	Eyseo	**37**
TVVR35002	5-channel NVR 290 Mbit (50/240)	**34**
TVVR35011	8-channel NVR 340 Mbit (100/240)	**34**
TVVR45021	16-channel NVR 360 Mbit (200/160)	**35**
TVVR45030	32-channel NVR 360 Mbit (200/160)	**35**

ITEM NUMBER INDEX

SERVICE & CONTACT

Customer service

The Customer Service department is the first point of contact for new customers at ABUS Security-Center. Our customer advisers use a sophisticated and professional system in order to record and display all of the relevant information without delay. Here you will receive advice, information and assistance with your orders as well as being informed of special offers.

Sales UK	0117 204 7000
Fax orders	0117 204 7003
Email orders	sales@abus-uk.com

Sales International	+49 8207 959 90-833
Fax orders	+49 8207 959 90-152
Email orders	export@abus-sc.com

Technical support

If problems occur with our products, our technical support team are ready to take your call and work with you step by step to find a solution. And when on-site assistance is required, our technical field service representatives are on hand.

Quality assurance – Service – Production (QSP)

If a technical defect occurs, our QSP department will perform a thorough check of your equipment and repair it if possible.

Technical support UK	0117 204 7000

Technical support International for video products	+49 8207 959 90-555
Technical support International for alarm products	+49 8207 959 90-444

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