

Outdoor IP Dome IR 1080p

Art. no. IPCA72500

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- Full HD 1080p resolution: 1920 x 1080 px @ 30 fps
- Ready for use around the clock: excellent image quality in the evening and at night thanks to the new light-sensitive Sony Starvis Exmor R image sensor and integrated IR-LEDs
- Challenge met: the outstanding True WDR function (> 120 dB) of the Sony Xarina DSP and Sony Starvis Exmor R image sensor means better images in backlit situations
- Simpler installation: thanks to the Tamron lens with motorised zoom (3.0–9.0 mm)
- Double the security: 16 GB internal memory to store recordings even during network failure
- Very well protected against vandalism (IK10) as well as dust and water (IP67)

Ready for use 24/7. For outstanding images.

The IPCA72500 from the Advanced Line of ABUS IP cameras delivers outstanding images outdoors with a resolution of 1920 x 1080 px @ 30 fps – even in low light conditions in the evening or at night, thanks to integrated IR-LEDs and the new, more light-sensitive Sony Starvis Exmor R image sensor. Thanks to the outstanding True WDR function (> 120 dB) of the Sony image sensor and the Sony Xarina DSP, the camera overcomes the extreme challenges posed by backlit situations with ease.

Simple installation. Convenient start-up.

Installation of the camera is much simpler thanks to the Tamron lens with motorised zoom (3.0–9.0mm). Focussing is carried out directly on the laptop, for example. Further installation within the network is carried out in no time at all thanks to the installation wizard.

Protecting images and camera.

The camera has 16GB of internal memory in order to save recordings in the event of a network failure. The camera itself is very well protected against vandalism (protection class IK10) and dust/water (protection class IP67).

The result: a strong and complete solution.

The IPCA72500 is a camera for high standards. It can easily be combined with other ABUS IP cameras and works

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perfectly with ABUS network video recorders – ideal for projects where strong and complete solutions are needed. Furthermore, integration into existing installations with cameras and recording solutions (Milestone, SeeTec, Synology, etc.) from other providers is possible because of the Open IP principle. With an option for individual monitoring of a fixed location included, the IPCA72500 can monitor areas around private buildings as well as open spaces (car parks, production halls, shopping centres, etc.).

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Technical Data:

IK protection class	10
ONVIF	Profile S
Image enhancement	True WDR
Dimensions	(LxWxH) 141x141x102 mm
Alarm output	1
Alarm input (NO/NC)	1
Alarming	E-Mail, FTP, relay
Connections	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
Number of users	10
Number of streams	3
Audio	2-Way Audio (over Browser)
Resolution modes	1080p, 720p, VGA, CIF pixel
Motion detection	3 zones
Image sensor	1/2.8" Sony Exmor R™ STARVIS™ CMOS
Pixels (effective)	1920(H) x 1080(V) pixel
Image integration	Yes
Frame rate	2, 5, 10, 15, 25, 30
Width	141 mm
Focal length	3,0 - 9,0 mm
DSP	Sony Xarina
Dynamic range (WDR)	120 dB
Electronic shutter	1/25 s - 1/10000 s
Backlight compensation	True WDR
Simultaneous network access	Yes
Height	102 mm
Horizontal angle of view	35 - 96 °
IR LEDs	12
IR range (up to)	20 m
Camera outputs	1 x BNC (CVBS)
Camera type	Outdoor Dome
Compatible with	ABUS VMS Express, VMS, NVR, Hybrid DVR
Length	141 mm

Max. resolution @ frame rate	1920 x 1080 @ 30 fps
Max. operating temperature	60 °C
Max. humidity	85 %
Microphone	No
Min. operating temperature	-25 °C
Minimum illumination (color)	0,01 lx
Minimum illumination (IR)	0 lx
Minimum illumination (B/W)	0,005 lx
Net weight	1 kg
Video network bandwidth	256 kBit/s - 8 MBit/s
Network access	RJ45
LAN network access	RJ45
Network camera protocols	IPv4, IPv6, HTTP, HTTPS, SMTP, UPnP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, DHCP, ABUS Server
Lens	Motor-Zoom
Optical zoom	3 x
PoE	IEEE 802.3af
Private zones	3
Noise reduction	3D DNR
Relay output	1
IP protection class	67
DC voltage supply	12 (+/-10 %) V
Storage medium	microSD card, 16 GB (Opt. 128 GB)
Language of instructions	DE, UK, FR, NL, DK
OSD language	DE, UK, FR, NL, DK
Power consumption	510 mA
Day/night switching	ICR/Color/B/W
Supported browsers	IE10, IE11
Encryption	HTTPS
Video compression	H.264, MJPEG
Video system	IP
White balance	ATW
Certifications	CE, C-Tick, RoHS, Reach