

## IP Dome 2 MPx (1080p, 3 - 9 mm, 3 x WDR)

Art.-Nr. IPCA72510

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- 2 MPx (Full HD 1080p) resolution: 1920 x 1.080 @ 30 fps
  - 3 - 9 mm motor zoom lens
  - Ultra low-light performance for excellent results in low-light environments
  - 150 dB WDR function to compensate for image contrasts
  - Vandalism and weather protected housing (IK10 & IP66)
  - IR LEDs (range up to 30m)
  - Supports H.264, H.265, MJPEG (incl. dynamic GOP)
  - microSD card slot for internal data storage
  - Modular housing design
  - 12 V DC & PoE (802.3af)
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The IP Dome provides video streams in 2 MPx resolution with up to 30 fps. The light-sensitive Sony image sensor proves itself in extreme light situations. The camera provides detailed images in almost total darkness and masters the extreme challenges in a backlight situation due to the outstanding WDR function (~ 150 dB).

The modular housing design eases the installation process and the impact, dust- and water-resistant IP66 / IK 10 housing protects against sabotage and vandalism. Due to integrated IR LEDs with a range of up to 30m, the camera can be used day and night. Access to the camera is possible any time via app.

Best overview

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The light-sensitive Tamron motor zoom lens with a focal length of 3 - 9 mm provides a horizontal viewing angle of 35-90 °. Focal length and focusing can be adjusted conveniently and precisely remote via the web interface.

### Recording and compatibility

The recording can be done either on an ABUS recorder, 3rd party video management software or locally on a microSD card. Furthermore, the camera is compatible with the ABUS Secvest alarm center and the ABUS access control system wAppLoxx.

### Comfortable installation

The IP Dome is mounted on the ceiling or optionally with a bracket on the wall. We recommend our installation box (TVAC31300) and the wall bracket (TVAC31311). Within the scope of delivery there is also a ceiling bracket for flush mount included. The free "ABUS IP Installer" software is available for simple setup in the network. The software finds the camera quickly and easily within the network and supports during the installation process.

Note: The camera does not come with a power supply, as it can be powered via PoE.

The effective IR range will depend on the installation location. If there are surfaces that absorb light or no objects that reflect IR light in the field of view, the IR range will be reduced and/or the video image will be too dark. Reflective objects in the immediate vicinity of the camera (e.g. roof gutter or wall) may also result in the reflection of IR light, which can disturb the image.

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## Technical Data

AC voltage supply	24V
Alarm input (NO/NC)	1
Alarming	E-Mail, FTP, NAS, Alarm output
Aperture at minimum illumination (color)	F1.3 (Wide) / F2.2 (Tele)
Audio	2-Way, Full-Duplex
Backlight compensation	DOL WDR (3X Shutter), WDR (2X Shutter)
Camera type	Dome
Color	RAL9003
Compatible with ABUS Link Station	No
Compatible with Secvest	No
Compatible with wAppLoxx	No
Compatible with wAppLoxx Pro	No
Connections	1 x RJ45, 1 x AC/DC, 1 x micro USB, 1 x Alarm input, 1 x Alarm output, 1 x Audio Out, 1 x Audio In
DC voltage supply	12V
DSP	Ambarella S3
Day/night switching	ICR / Color / B/W
Design	Dome
Dynamic range (WDR)	150dB
Electronic shutter	Auto (WDR Mode) / 1/25600 - 1/50
Encryption	HTTPS, TLS, RTSP/TLS, JSON Web Token
Focal length	3.0 - 9.0mm
Frame rate	25/30 images/sec (50/60 Hz)

Functions	Scene Change, Cover Detection
Height	140mm
Horizontal angle of view	35 – 90°
Housing material	Metal
ICR day/night function	Yes
IK protection class	10
IP protection class	66
IR LEDs	Yes
IR range (up to)	30m
Image enhancement	DOL WDR, WDR, BLC, 3D DNR, Vertical Display, Privacy Mask, Anti-Flicker
Image sensor	1/2.8" Sony Exmor R™ STARVIS™ CMOS
Installation	Wall/Ceiling/In-Ceiling(opt.)
LAN network access	RJ45
Length	140mm
Lens	Motor-Zoom
Lens control	P-Iris
Max. humidity	90%
Max. operating temperature	55°C
Max. resolution @ frame rate	1920 x 1080 @ 30 fps
Microphone	No
Min. operating temperature	-25°C
Minimum illumination (IR)	0lx
Minimum illumination (color)	0,001lx
Motion detection	3 areas
Network access	RJ45

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Network camera protocols	IPv4, IPv6, HTTP, HTTPS, SMTP, SNMP, UPnP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, TLS, QoS, DHCP, ABUS Server
Noise reduction	3D DNR
Number of IR LEDs	6
Number of streams	3
Number of users	10
Optical zoom	3x
Pan/tilt area	0 - 350° (H) / 0 - 75° (V) / 0 - 350° (R)
Pixels (effective)	1920x1080pixel
Pixels (total)	1945x1097pixel
PoE Standard	IEEE 802.3af (PoE), class 3
Power consumption	850mA
Private zones	8
Relay output	1
Resolution	2MPx

Resolution modes	Stream 1: 1.920 x 1.080 @ 25 fps, Stream 2: 640 x 360 @ 25 fps, Stream 3: 1.920 x 1.080 @ 25 fps (WDR 2x) / 640 x 360 @ 25 fps (WDR 3x)
Signal-to-noise ratio	50dB
Storage medium	Optional microSD card (max. 256 GB)
Supported browsers	IE11, Mozilla Firefox, Google Chrome [Plug-In free]
Technology	IP
Video Content Analysis (VCA)	Tripwire, Intrusion Detection, Human Detection, Object Counting
Video compression	Stream 1-3: H.264, H.265, Main/High/Baseline Profile, Dynamic GOP, MJPEG
Video network bandwidth	64 kBit/s - 10 MBit/s
Video system	IP
White balance	AWB, manual
Width	111mm