IP Mini Tube 4 MPx Black (2.8 mm, IR/WL)

Art.-Nr. IPCA34612A

SMALL CAMERA, BIG DETAILS AT NIGHT

This IP Mini Tube camera is a compact LAN camera with full colour day/night function and delivers images in 4 MPx resolution. With IR and white light LEDs in an IP67 housing, it is suitable for indoor/outdoor use by day and night. Mobile access to the camera via the ABUS Link Station app.

Discreet surveillance: powerful in the dark

The infrared LEDs provide detailed black/white night vision. AI-supported object detection permits switching to colour night vision when an event occurs. The Gecko series delivers clear colour images in total darkness thanks to full colour day/night technology - rich in detail for conclusive evidence. The smallest amount of residual light is effectively amplified by the special lens and the extra-light-sensitive image sensor. The white light LEDs provide precisely metered extra light for the image sensor

2 variants for maximum flexibility

The camera is available with 2 focal lengths: 2.8 mm / 104° field of view (IPCA34512A) and 4 mm / 89° (IPCA34512B).

Automatic object detection

The security camera distinguishes relevant movements (people, vehicles) from disruptive influences (branches, light, etc.) - and minimises unnecessary motion alarms.

Recording and compatibility

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Recording takes place on ABUS NVR, VMS or microSD card. The camera is compatible with ABUS Secvest, Secoris and WLX Pro.

Quick start-up

Installation with protected cable via installation box. The ABUS IP Installer software simplifies setup in the network.

Notes: Without power supply unit, as PoE.
The effective LED range varies depending on the installation location.

Technologies

- 4 MPx resolution (2,688 x 1,520 @ 25 fps) for crisp surveillance images
- Discreet illumination of the field of view with white light LEDs (up to 30 m range) for accurate colour images in total darkness (e.g. indoors); precisely metered lighting for the light-sensitive image sensor
- Robust, weatherproof housing (IP67), colour: white
- Supports H.264, H.265, MJPEG (incl. Dynamic GOP)
- microSD card slot for internal data storage, encrypted for high data security (optional)
- 12 V DC & PoE (802.3af)

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Additional functions	White light range up to 30 m
Alarm generation	Email, NAS, FTP, App Push
Aperture at minimum illumination (color)	F1.0
Application purpose	General surveillance
Article program	Professional
Audio	Integrated: Microphone
Backlight compensation	WDR, BLC, HLC
Battery - GRS type	ML414H-IV01E
Camera type	Mini tube
Colour	black
Compatible with	ABUS NVR/DVR, ABUS Link Station App, ABUS CMS
Compatible with ABUS Link Station	Yes
Compatible with Comfion	Yes
Compatible with Secoris	Yes
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Compatible with wAppLoxx Pro	Yes

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Connections	1 x RJ45, 1 x DC
Construction type of device	Mini tube
Current consumption	600 mA
DC power supply	12 (+/-25 %) V
Day/night switching	ICR/colour/S/W, VCA-controlled between IR and white light
Depth	179 mm
Digital zoom	Yes
Dimensions	(LxWxH) 179x74x75 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/12 - 1/100000 s
Encryption	HTTPS, TLS 1.1/1.2/1.3
Focal length	2,8 mm
Frame rate	1/16, 1/8, 1/4, 1/2, 1, 2, 4, 6, 8, 10, 12, 15, 16, 18, 20, 22, 25 fps
Gross weight	0.8 kg
Height	75 mm
Horizontal viewing angle	104 °
Housing material	Metal
ICR day/night function	Yes
IR LEDs	Yes
IR range (up to)	30 m
Image integration	No
Image optimization	WDR, BLC, HLC, 3D DNR, Vertical Display (not in Smart Event mode)
Image sensor	1/1.8" Progressive Scan CMOS
Language Manual	DE, UK, FR, NL, DK, IT
Language OSD	DE, UK, FR, NL, DK, IT
Length	179 mm
Lens	Fix
Loudspeaker	No
Max. Air humidity	95 %
Max. Operating temperature	60 °C
Max. Resolution @ frame rate	2688 x 1520 @ 25 fps
Microphone	Yes
Min. operating temperature	-30 °C
Minimum illumination (IR)	0 lx
Minimum illumination (color)	0.0005 lx
Motion detection	max. 4 zones (with object detection), max. 8 zones (without object detection)
Net weight	0.52 kg
Network bandwidth Video	32 kBit/s - 8 MBit/s
Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ABUS Server, P2P, QoS, 802.1X, IGMP, Bonjour, PPPoE, SNMP

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Network connection LAN	RJ45 10M/100M self-adaptive
Noise suppression	3D DNR
Number of IR LEDs	2
Number of streams	3
Number of users	32
ONVIF	Profile G, S, T
Other functions	Object recognition person/vehicle
PSTI conformity given	Yes
PSTI conformity needed	Yes
Pixels (effective)	2688(H) x 1520(V)
PoE Standard	IEEE 802.3af
Power consumption	7 W
Privacy zones	4
Product group	Camera
Product security update min until	2026-09-01
Protection class IP	67
Radio functions	Sabotage monitoring, region of interest
Radio networked	No
Resolution	4 MP
Resolution modes	Stream 1: 2688 x 1520 @ 25 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1920 x 1080 @ 10 fps (only with VCA off)
Storage medium	Optional microSD card (max. 512 GB)
Supported browsers	Google Chrome, MS Edge, Mozilla Firefox, IE11
Vertical angle of view	54 °
Video Content Analysis (VCA)	Human & vehicle object detection for tripwire detection, intrusion detection, area entry, area exit
Video compression	Stream 1: H.264, H.265, Dynamic GOP (+), Stream 2: H.264, H.265, MJPEG, Stream 3: H.264, H.265
Video motion detector included	Yes
Video system	IP
WEEE group	09
White balance	AWB, manual
White light LEDs	2 St.
White light range (up to)	30 m
width	74 mm

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