

# IP Tube 4 MPx (2.8 - 12 mm)

Art.-Nr. IPCB64520

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## Technical data - IP Tube 4 MPx (2.8 - 12 mm)

Alarm generation	E-Mail, NAS, FTP
Alarm input (NO/NC)	1
Alarm output	1
Aperture at minimum illumination (color)	F1.4
Application purpose	General surveillance
Article program	Professional
Audio	2-Way Audio (Browser, CMS)
Backlight compensation	WDR, BLC, HLC
Camera type	Tube
Colour	RAL9003
Compatible with	NVR, Hybrid DVR, IPCam Plus
Compatible with ABUS Link Station	Yes
Compatible with Secvest	Yes
Compatible with wAppLoxx	Yes
Compatible with wAppLoxx Pro	Yes
Connections	1 x RJ45, 1 x DC, 1 x video output, 1 x audio output, 1 x audio input, 1 x alarm input, 1 x alarm output
Construction type of device	Tube
Current consumption	1,200 mA
DC power supply	12 (+/-10 %) V
Day/night switching	ICR/Color/B/W
Dimensions	(LxWxH) 390x160x160 mm
Dynamic range (WDR)	120 dB
Electronic shutter	1/3 - 1/100000 s
Encryption	HTTPS
Focal length	2,8 – 12,0 mm
Frame rate	1/16, 1/8, 1/4, 1/2, 1, 2, 4, 6, 8, 10, 12, 15, 16, 18, 20, 22, 25, 30 fps
Height	160 mm
Horizontal viewing angle	32 – 114 °
ICR day/night function	Yes
IR LEDs	Yes
IR range (up to)	50 m
Image optimization	WDR, BLC, HLC, 3D DNR, Vertical Display

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Image sensor	1/2.5" Progressive Scan CMOS
Language Manual	DE, UK, FR, NL, DK
Language OSD	DE, UK, FR, NL, DK
Length	390 mm
Lens	Motor-Zoom
Max. Air humidity	95 %
Max. Operating temperature	60 °C
Max. Resolution @ frame rate	2688 x 1520 @ 30 fps
Microphone	No
Min. operating temperature	-30 °C
Minimum illumination (IR)	0 lx
Minimum illumination (color)	0.008 lx
Motion detection	8 zones
Net weight	1.71 kg
Network bandwidth Video	32 kBit/s - 16 MBit/s
Network camera protocols	IPv4/v6, HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, TCP, UDP, DHCP, ONVIF Profile S, ONVIF Profile G, ABUS Server, Secvest Link
Network connection	RJ45
Network connection LAN	RJ45 10M/100M self-adaptive
Noise suppression	3D DNR
Number of IR LEDs	4
Number of streams	3
Number of users	32
ONVIF	Profile G, S, T
Optical zoom	4.2 x
Other functions	Auto Backup Recording, Secvest Connectivity
PSTI conformity needed	No
Pixels (effective)	2688(H) x 1520(V)
PoE Standard	IEEE 802.3at
Power consumption	18 W
Privacy zones	4
Product group	Camera
Protection class IK	10
Protection class IP	67
Radio functions	Scene Change Detection
Resolution	4 MP
Resolution modes	Stream 1: 2.688 x 1.520 @ 25 fps, Stream 2: 640 x 480 @ 25 fps, Stream 3: 1.280 x 720 @ 25 fps
Simultaneous network access	6

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Storage medium	microSD card, 256 GB (opt.)
Supported browsers	IE10, IE11, Mozilla Firefox 30.0+, Chrome 31.0+
Vertical angle of view	18 – 59 °
Video Content Analysis (VCA)	Tripwire Detection, Intrusion Detection
Video compression	Stream 1: H.264, H.265, Dynamic GOP, Stream 2: H.264, H.265, MJPEG, Stream 3: H.264, H.265, MJPEG
Video system	IP
WEEE group	09
White balance	AWB, Manual
width	160 mm