

# Wi-Fi HD 720p Pan/Tilt Indoor Camera

Art.-Nr. TVIP21560

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## Reliable detection and alarming indoors

This WLAN pan/tilt camera is a versatile surveillance solution for home or office. The camera can be connected to a network wirelessly without an additional LAN cable and has motion detection with a passive infrared sensor and an integrated loudspeaker, which emits a loud tone in the event of an alarm. The loudspeaker and the integrated microphone also allow two-way audio communication via the camera's web interface using a microphone connected via the computer. External sounders, e.g. a siren or a light, which react in the event of a detection, can be controlled via the alarm output.

## Detailed surveillance images day and night

The surveillance camera provides 25 detailed frames in HD resolution of up to 1280 x 720 pixels. It supports both high quality and bandwidth-efficient transmission formats in H.264 and Motion JPEG.

In addition, the camera has 12 integrated infrared LEDs which are activated when it gets dark, therefore making it suitable for 24/7 surveillance use. Even in total darkness, the camera makes detailed recordings and allows objects to be identified at a distance of up to 5 metres, while the WDR function optimally compensates image contrasts in the event of excessive backlight.

## Worldwide access to live images

The PT functions (PT stands for pan and tilt) can be controlled with the iOS IPCam app or an internet browser. It is also possible to gain mobile access to live images online, with the extra convenience of doing so using a smartphone or tablet app. What's more, the camera also offers the option of sending the video data by email. The WPS button is used to facilitate setting up the WLAN connection required for this. The integrated microSD card slot for internal data storage functions as a back up solution.

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

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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.

## Technologies

- Wi-Fi pan/tilt camera with infrared night vision function and motion detection
- Detailed high resolution (1280 x 720 pixels at 25 frames per second)
- With integrated loudspeaker for sounding a loud alarm in the event of an incident
- Web and mobile access to live images and panning and tilting using the IPCam app and a browser
- Integrated microSD card slot for internal data storage, which functions as a back up solution
- 12 integrated IR LEDs (dark-activated)
- Motion detection via passive infrared sensor
- With WDR function for backlight compensation – ideal in entrance areas
- With alarm output for controlling an external sounder (e.g. siren, light)
- WPS button for easy set-up of the WLAN connection

## Technical data - Wi-Fi HD 720p Pan/Tilt Indoor Camera

Alarm input (NO/NC)	1
Alarming	E-Mail
Audio	64Kbps(G.711)/16Kbps(G.726)/32-128Kbps(MP2L2)
Backlight compensation	BLC, DWDR
Camera type	Day / Night
Certifications	CE, RoHS, Reach
Compatible with	TVVR36000
Compatible with Secvest	Yes
DC voltage supply	5 (+/-10 %) V
Dynamic range (WDR)	Soft WDR dB
Electronic shutter	1/25 - 1/100.000 s
Encryption	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Focal length	4,0 mm @ F2.0 mm
Frame rate	1280 x 720 @ 25 fps, 704 x 576 @ 25 fps, 640 x 480 @ 25 fps
Height	130 mm
Horizontal viewing angle	52,4 °
IR LEDs	12
IR range (up to)	10 m
Image sensor	1/4" Progressive Scan CMOS
LAN network access	RJ-45 Ethernet 10/100 Base-T
Language of instructions	DE, UK, FR, NL, DK. PL, RU, SWE, IT, ES
Language packing	DE, UK, FR, NL, DK. PL, RU, SWE, IT, ES
Length	102 mm

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## Technical data - Wi-Fi HD 720p Pan/Tilt Indoor Camera

Lens	F2.0, 4.0
Max. humidity	95 %
Max. operating temperature	50 °C
Max. resolution @ frame rate	1280 x 960 @ 25 fps
Microphone	Yes
Min. operating temperature	-10 °C
Minimum illumination (B/W)	0 lx
Minimum illumination (colour)	0,1 lx
Motion detection	3 zones
Network camera protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, IGMP, IPv6, Bonjour
Noise reduction	DNR
OSD language	DE, UK, FR, NL, DK, PL, RU, SWE, IT, ES
PIR range	10 m
Pan/tilt range	0° - 355° / -20° - 90°
Pixels (effective)	1280(H) x 960(V) pixel
Pixels (total)	1280(H) x 960(V) pixel
Power consumption	580 mA
Private zones	4
Resolution modes	1280 x 720, 640 x 480
Signal-to-noise ratio	3D DNR dB
Simultaneous network access	Yes
Software	ABUS VMS Express
Storage medium	microSD (64 GB)
Supported browsers	Internet Explorer, Edge, Chrome, Firefox, Safari
Technology	IP
Video compression	H.264, MJPEG
Video network bandwidth	32 kBit/s - 8 MBit/s
WLAN network access	IEEE802.11b, 802.11g, 802.11n
White balance	AWB
Width	100 mm