IR Pan/Tilt HD 1080p Network Camera

Art. no. TVIP22500

- HD 1080p resolution: 1920 x 1080 @ 25 fps
- 1/4'' progressive scan CMOS sensor
- 11 integrated IR LEDs for day/night function
- Quad stream: Parallel transmission with four different compressions
- Automatic patrols with 32 positions and 4 tours
- Micro SD card slot
- Installed microphone
- 1 alarm input/1 switching output
- Storage of the video data on NAS/network drives

This HD pan/tilt camera is the all-rounder for effective indoor surveillance. It stores real time images in HD 1080p resolution in an IP network. The operation, control of the movement and the configuration are also conveniently carried out via IP network (LAN). When using a weatherproof housing, the camera can then also be used outdoors (without the use of integrated IR LEDs).

Very wide surveillance range thanks to HD 1080p
The high resolution complements the pan/tilt technology perfectly with its adjustable preset positions and programmable "patrols". This results in an enormously large surveillance range which meets every need. Thus, one single camera even monitors spacious entrances and large open-plan offices reliably.

Day/night camera with night vision function
With 11 integrated IR LEDs, the camera is capable of night vision and therefore ideal for 24/7 surveillance.

LAN access to images and control from any location
Live images are easily accessed via App, VMS software or web browser – even when on the go. Manual control is also possible, then the panning and tilting is controlled via App, VMS or browser. The VMS Express software is free of charge in the scope of delivery.

Backup on SD card
The image data from the camera is fed into the IP network. It is also stored locally on the SD card as a backup separate from the network. If a bottleneck occurs in the IP network or the network fails temporarily then the images are still retained.

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Technical Data:

ONVIF	Profile S
Dimensions	112 x 114 x 114 mm
Alarm input (NO/NC)	1
Alarming	E-Mail / FTP / HTTP notification / relay output / network drive
Number of presets	8
Number of streams	4 (MJPEG, MPEG-4, H.264, 3GPP)
Number of tours	4
Resolution modes	1920 x 1080, 1280 x 720, 640 x 480, 320 x 240, 160 x 120 pixel
Motion detection	3 zones
Image sensor	1/4" Progressive Scan CMOS
Pixels (effective)	1920(H) x 1080(V) pixel
Pixels (total)	1920(H) x 1080(V) pixel
Frame rate	MJPEG: 1920 x 1080 @ 25 fps, MJPEG: 640x480 @ 25 fps, MPEG-4: 1920 x 1080 @ 15 fps, MPEG-4: 640x480 @ 25 fps, H.264: 1920 x 1080 @ 25 fps, H.264: 640x480 @ 25 fps fps
Width	112 mm
Focal length	4,0 mm
Digital zoom	10
Electronic shutter	1 - 1/7780 seconds
Backlight compensation	Soft-WDR, BLC
Height	114 mm
Horizontal angle of view	88 °
IR LEDs	12
IR range	10 m
Camera type	Day/Night
Length	114 mm
Max. resolution @ frame rate	1920 x 1080 @ 25 fps
Max. operating temperature	35 °C
Max. speed	60° per second / 80° per second
Microphone	Yes

Min. operating temperature	0 °C
Minimum illumination (color)	0,5
Minimum illumination (IR)	0
LAN network access	RJ45
Network camera protocols	Bonjour, TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, HTTP, TCP, UDP, 3GPP/ISMA RTSP
Lens	F 1.5, 4.0 mm
PoE	802.3af
Private zones	1
Noise reduction	DNR
Relay output	1
IP protection class	34
Pan/tilt area	354°/125°
Software	ABUS VMS, Internet Explorer 6 or higher, Safari, Mozilla Firefox
DC voltage supply	12 V
Storage medium	Micro SD, 4 - 32 Gbyte
Power consumption	670 mA
Day/night switching	Mechanically swivel IR filter, Color/B-W
Encryption	HTTPS SSLv3
Amplifier control	0 - 9
Video compression	H.264, MPEG-4, MJPEG
White balance	Yes
Certifications	CE, RoHS, Reach