

# IR Pan/Tilt 1.3 MPx WLAN Network Camera

Art. no. TVIP21551

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- 1/4" progressive scan CMOS sensor
- Max. resolution 1280x1024 pixels
- 12 integrated IR LEDs for day/night function
- Simultaneous transmission of MPEG-4, MJPEG, H.264, and 3GPP video data (Quad stream)
- 32 preset positions / 4 tours
- Built-in sensors for motion and sound
- Easy access via Windows Live Messenger
- 1 alarm input / 1 switching output
- Storage of the video data on NAS/network drives
- WLAN IEEE 802.11b/g 54 Mbit

With this day/night megapixel IP camera with pan/tilt function you do not miss any detail even in larger surveillance areas. The range for recognition/identification doubles to 12m/6m compared to VGA resolution! In darkness, B/W mode is activated and uses 12 integrated IR LEDs to provide a visual range of 10m. You feed the images of brilliant 1.3 million pixels (1280x1024) into your network and view them in your browser or the supplied VMS software. This way, you can even control your camera when you are on the road. Thanks to the most current Progressive Scan 1/4" CMOS technology, color images are transmitted in real time (25 images/s) in full-screen method (no flickering). Recordings are compressed into your choice of the highly efficient H.264 format, MPEG-4, or MJPEG. Exclusively for megapixel cameras: Quadstream for delivering 4 parallel live streams via the Internet or to mobile devices (RTSP) using optimal quality and image rate for different bandwidths (formats: H.264, MPEG-4, MJPEG and 3GPP). You can remotely control the pan/tilt function (354°/125°) or program it for unsupervised operation (max. 32 preset positions, 4 tours). In addition to the integrated 4mm wide-angle lens, 10x digital zoom is available. The functions ELC, BLC, AGC, and AWB ensure max. image optimization for every light situation. Using the integrated motion sensor, the camera reacts to motion in the image and emails an alarm notification or activates a relay output. Thanks to the network storage function, the camera accesses a networked recording device (PC, hard drive) to store its data there. The integrated microphone is also used for sound recognition – the camera reacts to noises above a prespecified level.

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## Technical Data:

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
Audio	Audio output (Speaker Out), audio input, 2-way audio, audio recognition
Resolution modes	1280 x 1024, 1280 x 720, 640 x 480, 320 x 240, 160 x 120 pixel
Motion detection	3 zones
Image sensor	1/4" Progressive Scan CMOS Sensor
Pixels (effective)	1280(H) x 1024(V) pixel
Pixels (total)	1280(H) x 1024(V) pixel
Frame rate	MJPEG: 15 pictures/s @ 1280 x 1024, MJPEG: 25 pictures/s @ 640x480, MPEG-4: 15 pictures/s @ 1280 x 1024, MPEG-4: 25 pictures/s @ 640x480, H.264: 15 pictures/s @ 1280 x 1024, H.264: 25 pictures/s @ 640x480 fps
Width	112 mm
Focal length	4,0 mm
Digital zoom	10
Electronic shutter	1/30 ~ 1/7780 seconds
Backlight compensation	Ja
Height	114 mm
Horizontal angle of view	48,1 °
IR LEDs	12
IR range	10 m
Camera type	Day / Night
Length	114 mm
Max. resolution @ frame rate	1280 x 1024 @ 15 fps
Max. operating temperature	50 °C

Microphone	Ja
Min. operating temperature	0 °C
Minimum illumination (color)	0,5
Minimum illumination (IR)	0 Lux mit IR LED's
LAN network access	RJ45
WLAN network access	802.11 b/g
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
Relay output	1
IP protection class	34
Pan/tilt area	354°/125°
Software	ABUS VMS, MSN Messenger, Internet Explorer 6 or higher, Safari, Mozilla Firefox
DC voltage supply	12 V
Power consumption	740 mA
Day/night switching	Mechanically swivel IR filter
Encryption	HTTPS SSLv3, WEP 64/128bit, WPA/WPA2-PSK
Amplifier control	0-9
Video compression	MJPEG, MPEG-4, H.264
White balance	yes
Certifications	CE, RoHS, Reach