

TVIP11501

IR 1.3 MPx Network Compact Camera

With this compact day/night megapixel IP camera with infrared you do not miss any detail even in large surveillance areas and in the dark. The range for recognition/identification doubles to 12m/6m compared to VGA resolution! In darkness, B/W mode is activated and uses 6 integrated IR LEDs to provide a visual range of 5m. You feed the images of brilliant 1.3 million pixels (1280x1024) into the network and view them in your browser or the supplied VMS software – convenient also on the road (MSN Messenger optional). 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), 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). 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 in daylight or darkness. Using the integrated motion sensor, the camera reacts to motion in the image and emails an alarm notification with snapshots (JPEG) to you. Thanks to the network storage function, the megapixel 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 also reacts to noises above a prespecified level with alarm notification or recording.



Product highlights:

- 1/4" progressive scan CMOS sensor
 - Max. resolution 1280x1024 pixels
 - 6 integrated IR LEDs for day/night function
 - Simultaneous transmission of MPEG-4, MJPEG, H.264, and 3GPP video data (Quad stream)
 - RTSP protocol for mobile access (3GPP)
 - Built-in sensors for motion and sound
 - Sending of images by e-mail or FTP
 - Storage of the video data on NAS/network drives
 - Easy access via Windows Live Messenger
 - Two-way audio
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Technical Data

Image sensor	1/4" Progressive Scan CMOS Sensor	Power consumption	4.5 Watts
Camera type	Day/night	Operating temperature	0°C to 50°C
Resolution	1280 x 1024, 1280 x 720, 640 x 480, 320 x 480, 160 x 160	Dimensions (WxHxD)	64.5 x 117.6 x 41.4 mm
Image elements (total)	1280 x 1024	Certifications	CE
Image elements (effective)	1280 x 1024		
Lens	F 1.5, 4.0mm		
Horizontal field of view	48,1°		
Digital zoom	10x		
Day/night switch-over	Mechanically swivel IR filter		
Minimum lighting (color)	0.5 lux		
Minimum lighting (IR)	0 lux with IR LEDs		
Image compression	MJPEG, MPEG-4, H.264		
Image rate	MJPEG: 15 images/s @ 1280 x 1024, MJPEG: 25 images/s @ 640x480, MPEG-4: 15 images/s @ 1280 x 1024, MPEG-4: 25 images/s @ 640x480, H.264: 15 images/s @ 1280 x 1024, H.264: 25 images/s @ 640x480		
Number of parallel streams	4 (MJPEG, MPEG-4, H.264, 3GPP)		
Electronic shutter	1 ~ 1/7780 seconds		
White balance	Yes		
Gain control	0 – 9dB		
Backlight compensation	Yes		
Motion detection	3 zones		
Image overlay	Date, camera name, private zones		
Audio	Audio output (Speaker Out), 2-way audio, audio recognition		
Microphone	Integrated		
Alarm	E-Mail / FTP / HTTP notification / network drive		
Supported browsers	Internet Explorer 6 or higher, Safari 3 or higher		
Supported software	ABUS VMS, HDVR, HDR, NVR, NAS, MSN Messenger		
IR LEDs	6		
IR range	5 meters		
Network connection	RJ-45 Ethernet 10/100 Base-T		
Network protocols	Bonjour, TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, HTTP, TCP, UDP, 3GPP/ISMA RTSP		
Encryption	HTTPS SSLv3		
Access protection	IP address filter, username, password, 3 authorization levels		
Power supply	12V DC		