

Day/Night 1.3 MPx Network Camera Profile

Art. no. TVIP51500

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- 1/4" progressive scan CMOS sensor
- Max. resolution 1280x1024 pixels
- Simultaneous transmission of MPEG-4, MJPEG, H.264, and 3GPP video data (Quad stream)
- Built-in sensors for motion and sound
- Storage of the video data on SD card and network drives
- Easy focus through back focus setting
- Two-way audio
- 2 alarm inputs / 2 relay outputs
- Power over Ethernet (LAN version)

Reliable IP video surveillance with mega resolution: With this camera you do not miss any detail on large distances. The range for recognition/identification doubles at 1.3 million pixels (1280 x 1024) to 12 m / 6 m compared to VGA resolution! The camera delivers color images in daylight and switches to B/W mode under 0.5 lux. You feed video images into the network and view them in a browser, the supplied VMS Software, or in MSN Messenger. A top feature of the camera series: An integrated SD card slot, allowing you to save image data to a 16 GB SD card (not included). The advantage: You do not lose any data when the network goes down. Thanks to Progressive Scan 1/4" CMOS technology, color images are transmitted in real time (25 images/s) as crisp full screen. The images are compressed into the highly efficient H.264 format, MPEG-4 or MJPEG. Quadstream can deliver 4 parallel live streams via the Internet or to mobile devices (RTSP) using the correct quality and image rate for different bandwidths (H.264, MPEG-4, MJPEG, 3GPP). Via CS mount you can integrate your desired lens from our extensive product line (additional 10x digital zoom). The functions ELC, BLC, AGC and AWB ensure top images in any light situation. The integrated motion sensor alerts you via email about movements. The network storage function automatically accesses a recording device (PC, hard drive). The camera uses an integrated microphone to react to noises as well. Quick installation: Thanks to Power over Ethernet (PoE) no separate power cabling is required. Please note: lenses are not included in the scope of delivery.

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Technical Data:

Dimensions	(WxHxD) 68 x 59 x 120 mm
Alarm input (NO/NC)	2
Alarming	E-Mail / FTP / HTTP notification / relay output / network drive / SD card
Number of streams	4 (MJPEG, MPEG-4, H.264, 3GPP)
Audio	Audio output (Speaker Out), audio input, 2-way audio, audio recognition
Resolution modes	1280x1024, 1280x720, 640x480, 320 x 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	68 mm
Digital zoom	10
Electronic shutter	1 ~ 1/7780 seconds
Backlight compensation	BLC
Height	59 mm
Camera type	Day/night
Length	120 mm
Power consumption	4,2 W
Max. resolution @ frame rate	1280 x 1024 @ 15 fps
Max. operating temperature	50 °C
Min. operating temperature	0 °C
Minimum illumination (color)	0.5 lx

Minimum illumination (IR)	0 lx
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	CS mount for lens, DC connector mm
PoE	802.3af
Relay output	2
IP protection class	34
Software	ABUS VMS, Mozilla Firefox, Internet Explorer 6, Safari 3
DC voltage supply	12 V
Storage medium	SDHC 32 GB
Power consumption	350 mA
Day/night switching	IR cut can be swivelled electromagnetically
Encryption	HTTPS SSLv3
Amplifier control	0-9
Video compression	MJPEG, MPEG-4, H.264
White balance	Yes
Certifications	CE, RoHS, Reach