

TVIP52501

Day/night HD 1080p 2.0 MPx real-time network camera

Highest quality images and resolution for your professional surveillance needs – the day/night HD 1080p real-time network camera doesn't miss a thing, even at long distances. Thanks to effective H.264 compression, this all takes place in real-time and at full resolution.

When set to 2.0 MPx resolution (1600 x 1200), the range for detection and identification increases fourfold or twofold when compared to VGA resolution, and the monitored area measures 400%. For example, when using an 8 mm lens, facial features can be identified at a distance of 16 metres!

The camera displays colour images in daylight. When illumination drops below 0.5 lux, the B/W mode is activated and the mechanical IR filter is swivelled to the side. The images are then fed into the network and viewed on a browser or using the VMS software supplied. A top feature of this camera is the SD card slot for saving images on a 16 GB or 32 GB SD card. Maximum security, even in the event of a network failure! Thanks to the progressive scan 1/2.7" CMOS sensor, the images are transmitted in real-time (25 images/sec) as a flicker-free full-screen image. Compression is made using highly-efficient H.264 or Motion JPEG. Quad-stream technology allows the output of four parallel live streams over the Internet or on mobile devices, with the image quality adjusted depending on the device and bandwidth (H.264, MPEG-4, M-JPEG, 3GPP). Using the CS mount, you can integrate your chosen lens from our product range (with additional 10x digital zoom). The ELC, BLC, AGC and AWB functions ensure clear, error-free images in all light conditions. Notification is sent via e-mail when motion is detected by the built-in sensor, and a recording device (PC, HDD) is triggered automatically thanks to the network storage function. The camera also reacts to noises detected by the built-in microphone. Quick installation – no extra power lines needed thanks to Power over Ethernet (PoE). The additional analogue video output makes it easy to set up the camera equipment using a test monitor.

Please note:

lenses are not included in the scope of delivery.



Product highlights:

- 1/2.7" progressive scan CMOS sensor
- Day/night function with mechanical IR swivel filter
- 1080p HD resolution, 2.0 MPx
- Real-time streaming with H.264 compression
- Integrated SD card slot
- Quad-stream incl. RTSP for mobile image access (3GPP)
- ePTZ function for simulating a pan/tilt/zoom system
- Analogue video output for easy image calibration
- PoE IEEE 802.3af

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Technical Data	
Image sensor	1/2.7" progressive scan CMOS sensor
Camera type	Day/night
Resolution	176 x 144 – 1920 x 1080 (intermediate levels can be freely selected)
Image elements (total)	1920 x 1080
Image elements (effective)	1920 x 1080
Lens	CS mount for lens attachment, DC connection
Digital zoom	4x
Day/night switch-over	Mechanical IR swivel filter
Minimum lighting (color)	0.8 lux
Minimum lighting (B/W)	
Minimum lighting (IR)	0 lux
Image compression	M-JPEG, MPEG-4, H.264
Frame rate	M-JPEG: 25 images/sec @ 1920 x 1080, MPEG-4: 25 images/sec @ 1920 x 1080, H.264: 25 images/sec @ 1920 x 1080
Maximum number of users	10
Number of parallel streams	4 (M-JPEG, MPEG-4, H.264, 3GGP)
Electronic shutter	
White balance	Yes
Gain control	
Backlight compensation	BLC
Motion detection	3 zones
Pre-alarm/post-alarm memory	7 pre-alarm images, 1 event image, 7 post-alarm images
Image overlay	Date, camera name, private zones
Alarm input (NO/NC)	1
Relay output	1
Video output	1 x FBAS, 1 V s-s, 75 ohm (3.5 mm jack)
Audio	Audio output (Speaker Out), audio input, 2-way audio
Microphone	Integrated
Alarming	HTTP, SMTP, FTP, network drive, SD card, e-mail, relay output
Supported browsers	Mozilla Firefox, Internet Explorer 6 or higher
SD card	32 GB SD/SDHC card, class 6
Supported software	Eytron VMS
Network connection	RJ-45 Ethernet 10/100 Base-T
Network protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP and 802.1X
Encryption	HTTPS
Access protection	IP address filter, user name, password, 3 authorisation levels
Power supply	12 VDC, 24 VAC, PoE IEEE 802.3af
Energy consumption	
Operating temperature	0°C ~ +40°C
Protection class	IP34
Dimensions (W x H x D)	76 x 60 x 162 mm
Weight	635 g
Certification	CE, RoHS, C-Tick