

IR Pan/Tilt HD 720p Network Camera

Art. no. TVIP21502

Page 1 of 2



- HD 720p resolution: 1280 x 720 @ 25 fps
- 1/4" progressive scan CMOS sensor
- 11 integrated IR LEDs for day/night function
- Quad stream: Parallel transmission with four different compressions
- Patrols with 32 positions and 4 tours
- Micro SD card slot for backup
- 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 720p 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).

Wide monitoring range thanks to HD 720p

The high resolution complements the pan/tilt technology perfectly with its adjustable preset positions and programmable "patrols". This results in a larger monitoring range which meets every need. Thus, a 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 separate backup to 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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Page 2 of 2

Technical Data:

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|------------------------------|---|
| 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 | 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) | 1280(H) x 720(V) pixel |
| Pixels (total) | 1280(H) x 720(V) pixel |
| Frame rate | MJPEG: 25 pictures/s @ 1280 x 720, MJPEG: 25 pictures/s @ 640 x 480, MPEG-4: 15 pictures/s @ 1280 x 720, MPEG-4: 25 pictures/s @ 640 x 480, H.264: 25 pictures/s @ 1280 x 720, H.264: 25 pictures/s @ 640 x 480 fps |
| Width | 112 mm |
| Focal length | 4,0 mm |
| Digital zoom | 10 |
| Electronic shutter | 1/30 ~ 1/7780 seconds |
| Backlight compensation | Soft-WDR, BLC |
| Height | 114 mm |
| Horizontal angle of view | 53 ° |
| IR LEDs | 12 |
| IR range | 10 m |
| Camera type | Day/Night |
| Length | 114 mm |
| Max. resolution @ frame rate | 1280 x 720 @ 25 fps (H.264) |
| Max. operating temperature | 35 °C |
| Max. speed | 60° per second / 80° per second |
| Microphone | Yes |

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|------------------------------|---|
| 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 |
| Encryption | HTTPS SSLv3 |
| Amplifier control | 0 - 9 |
| Video compression | H.264, MPEG-4, MJPEG |
| White balance | Ja |
| Certifications | CE, RoHS, Reach |