

Day/Night PTZ 1080p Outdoor network dome camera

Art. no. TVIP82100

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- Pan/tilt/zoom network camera (PTZ)
- 20x motorized zoom lens
- 8 tours with up to 32 preset positions per tour
- HD 1080p resolution: 1980 x 1080 @ 25 fps
- Dual stream: Recording in HD, lower resolution for app access
- Good pictures in low light (3D DNR noise reduction)
- Control the direction of view via network and RS-485
- Privacy masking for hiding of third-party areas
- Watchman and alarm functions (7 alarm inputs and 2 alarm outputs)
- Protection class IP66 and integrated heating (outdoor dome only)

The PTZ network dome camera provides discreet, powerful surveillance. High-resolution images, control options, a high-quality zoom lens, and alarm functions ensure efficient monitoring. The moving 24-hour watchman sets standards: Easily integrated into existing IP networks, it combines the optical precision of a Speed Dome camera with the flexibility and readiness for the future of a network camera.

PTZ function: Pan, tilt, zoom

The 20x autofocus motorized zoom allows you to monitor the desired image section even across great distances. In conjunction with the HD resolution and pan/tilt technology, a PTZ IP camera monitors a large area: The movement can be automated – and every tour can manage up to 32 preset positions. The view direction can also be controlled manually via the network from a PC or control panel with an RS-485 connection. People and moving objects can be easily tracked in this way.

Clear images in HD1080p, even in low light

With high resolution in HD1080p (1920x1080 Pixel), the camera provides images that can be used. Even in low light: Thanks to sophisticated noise reduction (3D DNR), bothersome image noise is minimized – for clear images even when the lighting is weak, shadows are darkening the image, etc. In complete darkness, the camera works in light-sensitive black/white mode.

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Suitable for indoor or outdoor use

The network camera is available as an indoor dome (TVIP82000) and outdoor dome (TVIP82100). The indoor dome can be screwed to the ceiling or integrated into suspended ceilings and is suitable for shops, offices, and warehouses, for example. With IP66 protection class and integrated heating, the outdoor dome withstands all weather – a weatherproof housing is not required.

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Technical Data:

| | |
|------------------------------|--|
| Dimensions | (HxØ) 325,5 x 220 mm |
| Alarm input (NO/NC) | 7 |
| Alarming | E-Mail / FTP / relay output |
| Number of presets | 256 |
| Number of streams | 2 |
| Number of tours | 8 |
| Audio | G.711ulaw/G.711alaw/G.726 |
| Resolution modes | 1920 x 1080, 1280 x 960, 1280 x 720, 704 x 576, 352 x 288, 176 x 144 pixel |
| Motion detection | 8 zones |
| Image sensor | 1/3" Progressive Scan CMOS |
| Pixels (effective) | 1920(H) x 1080(V) pixel |
| Pixels (total) | 1920(H) x 1080(V) pixel |
| Frame rate | MJPEG: 704 x 576 @ 25 fps, MPEG-4: 1920 x 1080 @ 25 fps, H.264: 1920 x 1080 @ 25 fps |
| Width | 220 mm |
| Focal length | 4,3 – 86,0 mm |
| Electronic shutter | 1 ~ 1/1000000 seconds |
| Backlight compensation | Soft-WDR, BLC |
| Height | 325.5 mm |
| Horizontal angle of view | 3,2 – 54,1 ° |
| Camera type | Network PTZ outdoor dome camera |
| Power consumption | 40 W |
| Humidity | 0 – 90 |
| Max. resolution @ frame rate | 1920 x 1080 @ 25 fps |
| Max. operating temperature | 65 °C |
| Max. humidity | 90 % |
| Min. operating temperature | -30 °C |

| | |
|------------------------------|--|
| Minimum illumination (color) | 0.05 |
| Minimum illumination (B/W) | 0.005 |
| Video network bandwidth | 32 kBit/s - 16 MBit/s |
| LAN network access | RJ45 |
| Network camera protocols | IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE |
| Lens | 4,3 – 86,0 mm |
| Optical zoom | 20x |
| Private zones | 24 |
| Protocols | Pelco-D, Pelco-P, self adaptive |
| Noise reduction | 3D DNR |
| Relay output | 2 |
| IP protection class | 66 |
| Software | ABUS VMS, Internet Explorer 6, Safari, Mozilla Firefox |
| AC voltage supply | 24 V |
| Power consumption | 1500 mA |
| Day/night switching | IR cut can be swivelled electromagnetically |
| Encryption | HTTPS |
| Video compression | H.264, MPEG-4, MJPEG |
| White balance | Ja |
| Certifications | CE, RoHS, Reach |