Day/Night PTZ 720p Network dome camera

- Pan/tilt/zoom network camera (PTZ)
- 20x motorized zoom lens
- 8 tours with up to 32 preset positions per tour
- HD 720p resolution: 1280 x 720 @ 25 fps (H.264)
- 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 HD720p, even in low light
With high resolution in HD720p (1280x720 pixels), 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.

Suitable for indoor or outdoor use
The network camera is available as an indoor dome (TVIP81000) and outdoor dome (TVIP81100). The indoor dome can be screwed to the ceiling or integrated into suspended ceilings andis 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) 243 x 183.4 mm	Minimum illumination (color)	0.05
Alarm input (NO/NC)	7	Minimum illumination (B/W)	0.005
Alarming	E-Mail / FTP / relay output		
Number of streams	2	Video network bandwidth	32 kBit/s − 16 MBit/s
Number of tours	8	LAN network access	RJ45
Audio	G.711ulaw/G.711alaw/G.726	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
Resolution modes	1280 x 720, 1280 x 960, 704 x 576, 352 x 288, 176 x 144 pixel		
Motion detection	8 zones	Lens	4,3 − 86,0 mm
Image sensor	1/3" Progressive Scan CMOS	Optical zoom	20x
Pixels (effective)	1280(H) x 720(V) pixel	Private zones	24
Pixels (total)	1280(H) x 720(V) pixel	Protocols	Pelco-D, Pelco-P, self adaptive
Frame rate	MJPEG: 704 x 576 @ 25 fps, MPEG-4: 1280 x 720 @ 25 fps, H.264: 1280 x 720 @ 25 fps fps	Noise reduction	3D DNR
		Relay output	2
Width	220 mm	Software	ABUS VMS, Internet Explorer 6, Safari, Mozilla Firefox
Focal length	4,3 − 86,0 mm		
Electronic shutter	1 ~ 1/100000 seconds	AC voltage supply	24 V
Backlight compensation	Soft-WDR, BLC	Power consumption	1500 mA
Height	243 mm	Day/night switching	IR cut can be swivelled electromagnetically
Horizontal angle of view	3,2 − 54,1 °		
Camera type	Network PTZ dome camera	Encryption	HTTPS
Power consumption	40 W	Video compression	H.264, MPEG-4, MJPEG
Humidity	0 − 90	White balance	Ja
Max. resolution @ frame rate	1280 x 720 @ 25 fps	Certifications	CE, RoHS, Reach
Max. operating temperature	50 °C		
Max. humidity	90 %		
Min. operating temperature	-10 °C		