

# PIR network camera

Art. no. TVIP41550

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- HD 720p resolution: 1280 x 720 @ 25 fps
- Surveillance mode with video verification
- Motion detection via PIR sensor with RAS (real alarm selection)
- Integrated white light LEDs activated via motion detection
- An ideal addition to Secvest IP for combining video and alarm technology
- Virtual alarm inputs and outputs for communication via Secvest IP
- Integrated microSD card slot
- WLAN n standard

The PIR network camera is a true innovation from ABUS Security-Center, and combines the best aspects of IP-based alarm and video technology. The camera module is comprised of a high-definition 1.0 megapixel CMOS sensor (HD 720p) and an integrated 3,45 mm lens. A PIR motion detector with real alarm selection is also integrated. White light LEDs are activated to effectively illuminate the periphery when motion is detected, or in darkness. The video recording also starts. Alarm reactions can also be implemented here depending on the camera use. There are virtually no limits to the application of this camera - aside from integration in the Secvest IP wireless alarm control panel or IP alarm module, it can also be used as a stand-alone solution in connection with a NAS. Apart from triggering an alarm, e-mails with images attached can be sent simultaneously and the images can be saved on an FTP server. A special advantage is the immediate verification of alarms, making false alarms and incorrect responses a thing of the past. Images are transmitted via LAN or wirelessly via WLAN. Images can be accessed via browser or client software, or remotely using a mobile phone or smartphone. Images can also be called up easily using mobile applications (iPhone, Android). The images are stored either on an inserted SD card or a connected NAS / 4-channel video buffer. This integrated video and alarm solution results in added value for security and the use of connected power in network technology for more intelligent surveillance technology.

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## Technical Data:

Dimensions	(WxHxD) 80x120x37 mm
Alarm input (NO/NC)	2 x virtual alarm inputs
Alarming	E-Mail / FTP / SMTP / HTTP notification / relay output / network drive / SD-card
Number of users	10
Number of streams	4 (MJPEG, MPEG-4, H.264, 3GGP)
Audio	Audio output (Speaker Out), 2-way audio
Resolution modes	176x144 - 1280x800 pixel
Motion detection	3 zones
Image sensor	1/4" progressive scan CMOS
Pixels (effective)	1280(H) x 800(V) pixel
Pixels (total)	1280(H) x 800(V) pixel
Frame rate	MJPEG: 25 frames/s @ 1280 x 800, MPEG-4: 25 frames/s @ 1280 x 800, H.264: 25 frames/s @ 1280 x 800 fps
Width	80 mm
Focal length	3,45 mm
Digital zoom	4x
Electronic shutter	1/5, 1/15, 1/30
Backlight compensation	BLC
Height	120 mm
Horizontal angle of view	57,8 °
Camera type	Colour
Length	37 mm
Power consumption	5,5 W
Max. resolution @ frame rate	1280 x 720 @ 25 fps
Max. operating temperature	45 °C
Microphone	Yes

Min. operating temperature	0 °C
Minimum illumination (color)	0.2
LAN network access	RJ45, 802.11 b/g/n
WLAN network access	802.11 b/g/n
Lens	F2.4, 3,45 mm
Relay output	2xvirtual alarm outputs
IP protection class	34
Software	ABUS VMS, ONVIF
DC voltage supply	12 V
Storage medium	Micro SD 32 GB
Power consumption	420 mA
Day/night switching	Colour / B/W
Supported browsers	Mozilla Firefox, =>Internet Explorer 6
Encryption	HTTPS, WEP, WPA-PSK, WPA2-PSK
Amplifier control	AGC
Video compression	H.264, MPEG-4, MJPEG
Pre-alarm/post-alarm memory	7 pre-alarm images, 1 event image, 7 post-alarm images s
White balance	Ja
Certifications	CE, RoHS, C-Tick