

ABUS IP video surveillance 2MPx Wi-Fi PTZ dome camera

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All-round 360° view

Flexible use, discreet and reliable monitoring, clever storage

For company premises, businesses, offices or home: The 2MPx IP PoE Wi-Fi PTZ mini dome camera with pan-tilt-zoom function is ideally suited for wide-area 360-degree surveillance. Compact design (Ø 13 x H 11 cm) and operation (lens rotates inside the glass dome) so ideal for discreet use. Power can be supplied via network cable (PoE), e.g. from router or a recorder - particularly useful in hard-to-reach locations as it often saves time, space and installation costs. Alternatively, power the camera with a mains adapter and transmit the video data via Wi-Fi.

Efficient start-up & video surveillance

Recordings can be stored on a recorder, via NAS or on microSD card. The motion detection function of the surveillance camera and strong data compression ensure efficient memory use. Even start-up is brief: the camera's user interface is quickly accessed from a PC/browser or recorder/monitor and ABUS IP Installer and displays the first live image within minutes. Settings can also be customised quickly (e.g. schedules).

Strong WDR function & IR LEDs for sharp images at all times

The IP camera also copes with strongly fluctuating light conditions, e.g. with a lot of backlight in entrance areas or generally outdoors. It also has infrared LEDs for good visibility in the dark/at night.

Mobile app access

Users receive a push message in the event of a motion alarm via the ABUS Link Station app. The Pro version of the app offers unlimited mobile access. Free with Lite version: up to 60 minutes/month data stream (live view/playback).

Technologies

- Easy mobile access to livestream and memory with smartphone/tablet via ABUS Link Station app incl. push message

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in case of motion alarm; info/images optionally also via e-mail/FTP

- Flexible use; supply with power via Power over Ethernet (PoE) or 12 V DC plug-in power supply; transmit data via PoE or WIFI
- Lean commissioning in a few minutes via PC/browser or recorder/monitor as well as free ABUS IP Installer (fast access to IP address of camera); configuration via established user interface (schedules, etc.)
- 360-degree all-round view; infinitely variable pan, tilt and 4x optical zoom via app or browser (focal length 2.8 to 12 mm, motor zoom lens); preset positions can be controlled in seconds
- True WDR function (120 dB) for backlight situations, IR LEDs for night vision up to 20 meters (depending on location), wind & weather proof (IP66 protection), Full HD resolution (2 megapixels, 1080p)
- Compact dimensions/size (mini dome design, diameter 13 cm) optimal for discreet 24/7 video surveillance in the company or at home; motion detection means less storage space is required and the searched scene can be found quickly
- Record via microSD memory card (accessory), network video recorder (NVR), or network attached storage (NAS); H.265 Plus video compression for longer recording with highly efficient storage space usage
- Easy mobile access to livestream and memory with smartphone/tablet via ABUS Link Station app incl. push message in case of motion alarm (without having to make settings at the router); info/images optionally also via e-mail/FTP

Technical data - ABUS IP video surveillance 2MPx Wi-Fi PTZ dome camera

| | |
|----------------------------|--|
| Alarming | Email, ABUS Link Station Push |
| Aperture | F1.5 – F2.7 |
| Audio bitrate | 64 kbps (G.711), 16 kbps (G.722.1 / G.726), 32-192 kbps (MP2L2), 32 kbps (PCM), 16-64 kbps (AAC) |
| Audio compression | G.711, G.722.1, G.726, MP2L2, PCM, AAC |
| Audio input | Yes |
| Audio output | Yes |
| Automatic aperture control | Yes |
| Base event | Motion detection |
| Channel width | 20 MHz |
| Colour | White |
| Compatible mounts | TVAC31530 |
| Compatible with | TVVR36xxx / TVVR33xxx / NVRxxxxx |
| Compatible with Secvest | No |
| Compatible with Smartvest | No |
| Compatible with wAppLoxx | No |
| DC voltage supply | 12 V |
| Day/night switching | Auto / Manual / Schedule |
| Design | Controllable dome |
| Dimensions | (∅ x H) 130,7 x 101,7 mm |
| Dynamic range (WDR) | 120 dB |

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| | |
|-------------------------------|---|
| Encryption | 64/128-bit WEP / WPA/WPA2 / WPA-PSK/WPA2-PSK / WPS |
| Focal length | 2,8 – 12 mm |
| Frequency range | 2,4 – 2,4835 GHz |
| Gross weight | 0,85 kg |
| Horizontal viewing angle | 33 – 101 ° |
| Housing material | Metal / Plastic |
| IP protection class | 66 |
| IR LEDs | Yes |
| IR range (up to) | 20 m |
| IR swivel filter | Yes |
| Image enhancement | BLC / WDR / HLC / ROI |
| Image sensor | 1/2.8" Progressive Scan CMOS |
| Image settings | Brightness / Contrast / Saturation / Sharpness / Mirroring |
| Loudspeaker | No |
| Max. humidity | 95 % |
| Max. operating temperature | 60 °C |
| Max. resolution @ frame rate | 1920 x 1080 @ 30 fps |
| Microphone | Yes |
| Min. operating temperature | -30 °C |
| Minimum illumination (IR) | 0 lx |
| Minimum illumination (colour) | 0,005 lx |
| Net weight | 0,55 kg |
| Network access | RJ-45 10/100 Mbit/s |
| Network protocols | TCP, UDP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, QoS, SNMP, UPnP, SMTP, IPv6, ABUS Server |
| Noise reduction | 3D DNR |
| Number of presets | 300 |
| Number of users | 32 |
| OSD language | DE / UK / FR / NL / DK / IT |
| Optical Wave Length | 850 nm |
| Pan speed | 100° / s |
| Pan/tilt range | 0° - 355° |
| PoE standard | 802.3af |
| Power consumption | 11,2 W |
| Pre/post alarm memory | Yes / Yes |
| Private zones | 24 |
| Protection class IK | 10 |
| Recording modes | Manual / time schedule / motion detection / event |

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| | |
|------------------------------|---|
| Resolution | 2 MP |
| Resolution modes | 1920 x 1080 / 1280 x 960 / 1280 x 720 @ 30 fps |
| Sensitivity | 11b: -90dBm / 11g: -75dBm / 11n: -74dBm |
| Shutter speed | 1s – 1/30,000s |
| Software | ABUS Link Station (iOS & Android) / IP Installer |
| Storage medium | MicroSD (max. 256 GB, optional) |
| Supported browsers | IE11, MS Edge, Chrome, Firefox |
| Technology | Network |
| Tilt speed | 100° / s |
| Transmission power | 11b: 17 +/- 1,5dBm / 11g: 14 +/- 1,5dBm / 11n: 12,5 +/- 1,5dBm |
| User levels | 3 |
| Vertical viewing angle | 18 – 53 ° |
| Video Content Analysis (VCA) | Intrusion Detection, Tripwire, Region enter, Region exit, Unattended baggage, Object removal, Audio exception detection |
| Video compression | H.265 Plus / H.265 / H.264 Plus / H.264 / MJPEG |
| WLAN network access | IEEE 802.11 b/g/n |
| White balance | Auto white balance (AWB) / incandescent lamp / warm light / natural light / fluorescent lamp |
| Wireless range | (Depending on installation) 20 - 50 m |