# ABUS complete set with hybrid video recorder and 4 analogue mini-dome cameras

**All in one**
Your video surveillance needs for business, shop or home.

This all-in-one set saves you time and money. There is no need to purchase everything separately, because the set contains four surveillance cameras, a hybrid video recorder and all the accessories you need to upgrade or install a professional surveillance system. The hard drive, cables and computer mouse are practically free. And it's even cheaper because you don't have to organise a separate power supply for the analogue HD cameras - one combination cable to the recorder per camera is all you need - and data and power are already flowing.

The set can be operated on any company or home network, which offers great reliability. If you want to access it while you're out and about, integrating it into your network takes only a few steps. Individual settings can then also be made remotely. Clever modes help you find shots and scenes quickly and efficiently. The powerful data compression ensures efficient memory utilisation. In this way, depending on the configuration, recording can last for weeks or months - e.g. by manual triggering or motion detection. The mini-dome cameras are ideal for discreet surveillance from the wall due to their design. The cameras are able to deal with backlight situations (outside in the sun, in entrance areas generally) particularly well, and even in extremely low light you still get a sharp colour image. The night vision range is up to 30 metres.

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

## Technologies

- All-in-one set consisting of four analogue HD surveillance cameras for indoor/outdoor use, hybrid video recorder, incl. 1 TB hard disk/HDD (up to 10 TB possible), USB wireless mouse incl. batteries, two 30m combination cables, etc.
- Installs in just a few steps; set up directly using a monitor or a PC/browser and the free ABUS IP Installer software; configure with the established user interface (motion detection, schedules, etc.)
- Mini-dome cameras with True WDR function (130 dB), Ultra Low Light function, IR LEDs for night vision up to 30 metres (depending on location), wind- and weather-proof (IP67 protection class), 5 MP resolution and 98 degree viewing angle

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- Recorder with quiet operation (without fan); supports simultaneous display of multiple live streams on one monitor (multi-view); find scenes fast by searching through clear playback view
- Alarm as needed via warning tone on the recorder, on-screen display (on-screen display/OSD signal), e-mail and/or push notification to the app
- Easy mobile access to live stream and recordings with smartphone/tablet via ABUS Link Station app
- Practical management for multiple recorders on a central PC via free Central Monitoring Station software (ABUS CMS); up to 256 recorders and 1,024 cameras, if needed in a technology mix (IP, analogue HD)
- Can be expanded by 4 IP cameras (up to 8 MP) at any time; if needed, all 8 channels can be used with IP cameras; also ideal for retrofitting/adding to older systems (supports TVI, AHD, CVI and CVBS)

## Technical data - ABUS complete set with hybrid video recorder and 4 analogue mini-dome cameras

| | |
|---|---|
| PSTI conformity given | Yes |
| PSTI conformity required | Yes |

## Technical data - ABUS Analogue HD Video Surveillance 5MPx mini dome camera

| | |
|---|---|
| Aperture | F1.2 |
| Automatic aperture control | No |
| Base event | Motion detection |
| Colour | White |
| Compatible with | TVVR33xxxxx / HDCC9xxxx |
| Compatible with Secvest | No |
| Compatible with Smartvest | No |
| Compatible with wAppLoxx | No |
| DC voltage supply | 12 V |
| Day/night switching | Auto / Manual |
| Dimensions | (Ø x H) 90 x 79,37 mm |
| Dynamic range (WDR) | 130 dB |
| Focal length | 2,8 mm |
| Gross weight | 1,32 kg |
| Horizontal viewing angle | 98 ° |
| Housing material | Metal |
| IP protection class | 67 |
| IR LEDs | Yes |
| IR range (up to) | 30 m |
| IR swivel filter | Yes |
| Image enhancement | BLC / HLC / WDR |
| Image sensor | CMOS |
| Image settings | Brightness / Sharpness / Mirroring / Smart IR |
| Lens mount | M12 |
| Max. humidity | 90 % |

# ABUS complete set with hybrid video recorder and 4 analogue mini-dome cameras

## Technical data - ABUS Analogue HD Video Surveillance 5MPx mini dome camera

| | |
|---|---|
| Max. operating temperature | 60 °C |
| Max. resolution @ frame rate | TVI: 1920 x 1080 @ 25/30 fps, 2560 x 1440 @ 25/30 fps, 2560 x 1944 @ 20fps |
| | AHD: 2560 x 1440 @ 25/30 fps, 2560 x 1944 @ 20fps |
| | CVI: 2560 x 1440 @ 25/30 fps |
| | CVSB: PAL / NTSC |
| Min. humidity | 10 % |
| Min. operating temperature | -40 °C |
| Minimum illumination (IR) | 0 lx |
| Minimum illumination (colour) | 0,003 lx |
| Net weight | 0,915 kg |
| Noise reduction | 3D DNR |
| OSD language | EN |
| Optical Wave Length | 850 nm |
| PSTI conformity required | No |
| Power consumption | 5,8 W |
| Private zones | 4 |
| Shutter speed | 1/25s - 1/50,000s |
| Technology | TVI / AHD / CVI / CVBS |
| Vertical viewing angle | 55 ° |
| Video output | 1x BNC |
| White balance | ATW / Manual |
| EAN | 4043158177466 |

## Technical data - ABUS Analogue HD/8-Channel Hybrid Video Recorder

| | |
|---|---|
| Alarming | Acoustic warning signal, OSD signal, e-mail |
| Audio input | 1x RCA (2.0Vp-p, 1kΩ) |
| Audio output | 1x RCA (Linear, 1kΩ) |
| Compatible with ABUS Link Station | Yes |
| Compatible with Secvest | No |
| Compatible with Smartvest | No |
| Compatible with wAppLoxx | No |
| DC voltage supply | 12 V |
| Dimensions | (W x L x H) 315 x 240 x 48 mm |
| Gross weight | 2,9 kg |
| HD-TVI video channels | 4 |
| Housing | 1U Chassis |
| Housing material | Metal, Plastic |
| IP video channels | 8 |

## Technical data - ABUS Analogue HD/8-Channel Hybrid Video Recorder

| | |
|---|---|
| Max. humidity | 90 % |
| Max. operating temperature | 55 °C |
| Max. resolution @ frame rate | TVI: 8 MPx, 5MPx, 4MPx, 3MPx, 2MPx @ 30fps /  1MPx @ 60 fps AHD: 5MPx, 4MPx, 2MPx, 1MPx @ 30fpsCVI: 4MPx, 2MPx, 1MPx @ 30fpsCVBS: Support |
| Min. operating temperature | -10 °C |
| Net weight | 2,1 kg |
| Network access | 1x RJ-45 10/100 Mbit/s self-adaptive Ethernet interface |
| Network protocols | TCP/IP, DHCP, DNS, DDNS, NTP, SMTP, RTSP, NFS, UPnP™, HTTPS, ABUS Server |
| OSD language | DE, UK, FR, NL, DK, IT, PL, ES, SE |
| PSTI conformity given | Yes |
| PSTI conformity required | Yes |
| Performance decoding (local live view & playback) | 4x 2MPx |
| Power | 21 |
| Recording modes | Manual, time schedule, motion detection |
| Recording resolution @ frame rate per camera | 8MPx @ 8 fps / 5MPx @ 12fps / 4MPx @ 15 fps / 3 MPx @ 18 fps / 2MPx, 1MPx, WD1, 4CIF, VGA, CIF @ 30 fps |
| Resolution HDMI output | 1920 × 1080 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz, 1024 × 768 / 60Hz |
| Resolution VGA output | 1920 × 1080 / 60Hz, 1280 × 1024 / 60Hz, 1280 × 720 / 60Hz, 1024 × 768 / 60Hz |
| Software | ABUS Link Station (iOS & Android) / ABUS CMS / IP Installer |
| Storage medium | 1x Sata interface (3,5" HDD, max. 10 TB) / NAS |
| Supported IP cameras | see compatibility list |
| Supported browsers | IE11 (Plugin), Edge/Chrome (Plugin) |
| Synchronous playback | 4 |
| Total network throughput (input/output) | 72 Mbit/s |
| Total video channels | 8 |
| USB connection | 2x USB 2.0 |
| Video compression | H.264 / H.264 Plus / H.265 / H.265 Plus |
| Video input | 4x BNC (1.0Vp-p, 75Ω) |
| EAN | 4043158199987 |