



#### Simple installation following the plug & play principle

The ABUS-designed 16-Channel Analogue HD Video Recorder ensures that every recording solution is ready to use straight away - whether it be a retrofitting or a new project set-up with analogue HD technology. Video images can be provided in real-time and for recording as soon as the connection between the camera and recorder is set up using a coaxial or 2-wire connection (accessory: 2-Wire Analogue HD Transmission Set).

#### Storage space is doubled thanks to data compression

The compression of the incoming image data using H.265 technology uses storage space twice as efficiently. Up to two 10 TB hard disk drive capacity can be installed, ensuring sufficient storage capacity is made available for sustained recording and any application.

#### Ultra HD HDMI and USB 3.0

The Ultra HD HDMI connection makes monitoring with no loss of data possible for connected cameras. This ensures the full, high resolution of the analogue HD cameras is used. Quicker data export is also ensured with the USB 3.0 connection.

#### Very easy and intuitive operation

Various modes of operation are available with the analogue HD recorder. The video data can be evaluated using a local monitor, browser, the intuitive ABUS CMS software or via the iDVR Plus app for Android/iOS.

#### Pentaplex support

Supports TVI (max 8 MPx), CVI (max 1080p), AHD, CVBS (PAL / NTSC) signals on all BNC inputs

Support of two additional IP channels up to max. 6 MPx

Compatible with ABUS IP cameras. See compatibility list in the download area.

### Technologies

- Pentaplex support: recording and live display of all channels up to 8 MPx (selected ABUS IP cameras, TVI, CVI, AHD, CVBS)
- Use storage space twice as efficiently: Data compression with H.265
- Ultra HD HDMI connection for loss-free viewing of connected cameras on a 4K monitor
- Ideal for retrofitting of existing systems to a higher resolution
- Long cable lengths up to a maximum of 500 m
- USB 3.0 interface for fast data export

- Permanent recording: 2x HDD up to 10TB
- Easy to operate: can be controlled via local monitor, Internet Explorer, app or ABUS CMS software
- Support for max. 2 IP cameras

### Technical data - 4043158069167

|   |   |
|---|---|
| AC voltage supply                         | 100 - 240 V   |
| Alarm inputs (NO/NC)                      | 16  |
| Alarming                                  | Acoustic warning, OSD signal, email   |
| Analogue video channels                   | 16  |
| Audio                                     | Line In: 4 x RCA (2,0 V p-p, 1000 $\Omega$ ), Audio Out: 1 x RCA (1000 $\Omega$ )   |
| Audio bitrate                             | 64 kbit/s   |
| Audio compression                         | G.711u  |
| Camera inputs                             | 16 x BNC (HD-TVI, Analog CVBS)  |
| Camera outputs                            | 1 x BNC (Analog CVBS)   |
| Control                                   | Mouse, PC software, integrated web server   |
| DDNS                                      | Yes   |
| Dimensions                                | 380 x 320 x 48 mm   |
| HD-SDI video channels                     | 0   |
| HD-TVI video channels                     | 16  |
| HDMI Out                                  | Yes   |
| Height                                    | 48 mm   |
| IP video channels                         | 2   |
| Language of instructions                  | Deutsch, Englisch, Französisch, Niederländisch, Dänisch, Italienisch  |
| Length                                    | 320 mm  |
| Loi Sarkozy compliant (only valid for FR) | Yes   |
| Max. humidity                             | 90 %  |
| Max. operating temperature                | 55 °C   |
| Min. operating temperature                | -10 °C  |
| Mobile access                             | ABUS Link Station Lite / Pro (Apple iOS & Android)  |
| Monitor outputs                           | 1 x HDMI, 1 x VGA, 1 x Main BNC   |
| Net weight                                | 2 kg  |
| Network access                            | 1 x RJ45 10/100/1000 Mbps   |
| Network cameras                           | See compatibility list in the download area   |
| Network functions                         | DVR: NAS saving, IP-SAN saving/recorder software: Live view, playback, data export/web interface: Live view, playback, data export, log files, settings/apps: Live view, playback |
| Network protocols                         | TCP/IP, PPoE, DHCP, DNS, DDNS, NTP, SMTP, SNMP, NFS, iSCSI, UPnP, HTTPS   |
| Number of HDDs                            | 2   |

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| OSD language                                 | Deutsch, Englisch, Französisch, Niederländisch, Dänisch, Italienisch   |
| Operating mode                               | Triplex  |
| PTZ control                                  | RS-485, HD-TVI   |
| Power consumption                            | 25 W   |
| Pre/post alarm memory                        | 0-2 / 5-900  |
| Recording bitrate                            | 32 Kbit/s up to 10 Mbit/s  |
| Recording modes                              | VCA (tripwire, intrusion detection), motion detection, alarm, motion detection and alarm, motion detection or alarm, time schedule, manual   |
| Recording resolution @ frame rate per camera | 2MPx @ 25 frames/s, 3MPx @ 18 frames/s, 8MPx @ 8 frames/s  |
| Relay output                                 | 4  |
| Resolution HDMI output                       | 4k (3840 x 2160) / 30 Hz, 2K (2560 x 1440) / 60 Hz, 1920 x 1080 / 60 Hz, 1280 x 1024 / 60 Hz, 1280 x 720 / 60 Hz, 1024 x 768 / 60 Hz   |
| Resolution live view                         | VGA: 1920 x 1080 / 60 Hz, 1280 x 1024 / 60 Hz, 1280 x 720 / 60 Hz, 1024 x 768 / 60 Hz<br>HDMI: 4k (3840 x 2160) / 30 Hz, 2K (25960 x 1440) / 60 Hz, 1920 x 1080 / 60 Hz, 1280 x 1024 / 60 Hz, 1280 x 720 / 60 Hz, 1024 x 768 / 60 Hz |
| Sabotage monitoring video                    | Yes  |
| Search modes                                 | Smart search, VCA, event, date & time  |
| Simultaneous network access                  | 128 channels   |
| Software                                     | ABUS CMS software  |
| Storage                                      | 1 x USB 2.0, 1 x USB 3.0   |
| Storage medium                               | 2 x SATA HDD (max. 10 TB)  |
| Technology                                   | AHD, CVBS, HD-CVI, HD-TVI, IP  |
| Total frame rate (PAL)                       | 400 fps  |
| Total network throughput (input/output)      | 128Mbit (0 Mbit / 128Mbit)   |
| Total video channels                         | 18   |
| User levels                                  | 2  |
| Video compression                            | H.265  |
| Views  | 1 / 4 / 6 / 8 / 9 / 16   |
| Watchdog hardware                            | Yes  |
| Web server                                   | Yes  |
| Width  | 380 mm   |