



Security Tech Germany

Always on the Lookout – Perfect Protection against Burglary

Terxon wired and hybrid alarm systems



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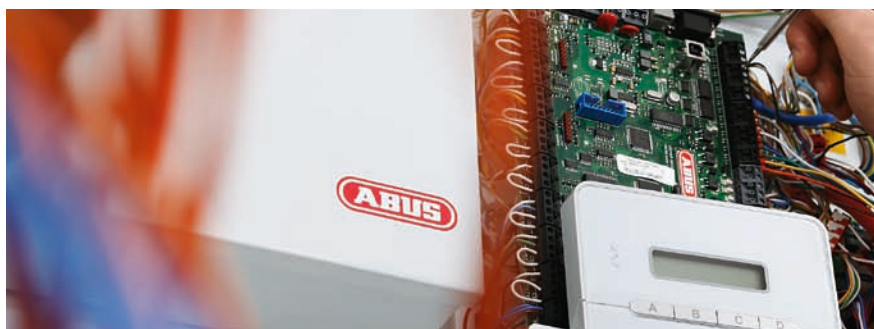
www.abus.com

One system offers all possibilities

Rely on experts

With a qualified specialist installation contractor on your side, you can make your personalised security package a reality. He supports you in all questions regarding the topic of wired alarm technology and puts together a customised system for you. One that was developed for you and your security requirements.

With a qualified partner on your side, you can hand of a bit of responsibility – and feel safe!



Private and small business applications

Wired alarm systems are a low-cost alternative to wireless systems, particularly in new buildings or properties in which cable ducts already exist (such as in commercial enterprises or manufacturing facilities). With wired systems, it is also possible to equip each alarm zone with several detectors. But to make the detectors easier to identify, this should only be done within logical units (such as all contact detectors of a room).

Private and mid-size business applications

The efficient protection of medium and larger objects demands a comprehensive, flexible system that can be extended at any time. The Terxon MX hybrid system, which can integrate both wired and wireless components, meets this challenge. This possibility of expansion protects the investment of the users of the system. If the system later needs to be expanded or the building enlarged, the system does not need to be replaced.

Commercial properties and larger building complexes

With its extensive programming options, the Terxon LX meets the requirements of large properties and enterprises. A total of 99 users with 12 different authorisation levels can be created.

Using a downloader software and the ports (USB/RS-232), you can easily and quickly program the system using a PC. With the integrated analogue telephone dialler (AWUG), you can inform emergency services in the case of an alarm.

The right solution for every need

Terxon SX: Security that everyone can afford



The Terxon SX alarm panel is the burglar alarm panel for small properties from ABUS Security-Center. Its 9 zones provide seamless protection for your home. The Terxon SX is the ideal starter model in the world of wired alarm technology and offers an optimal security concept with a large number of components.

Terxon MX: The hybrid alarm system to meet any requirement



The Terxon MX alarm panel is a professional hybrid alarm system. With this model, you can integrate not only wired detectors, but also wireless components, thus turning the system into a hybrid system. Up to 32 alarm zones ensure seamless all-round protection. From an owner-occupied flat to large building complexes: the Terxon MX offers many possibilities for securing properties.

Terxon LX: Size that pays off



With its extensive programming options, the Terxon LX meets the requirements of larger properties and enterprises. A total of 99 users with 12 different authorisation levels can be created. In addition to wired detectors, you can also integrate wireless components into the system and expand it into a hybrid system.

System comparison

Terxon SX / MX / LX

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| | Terxon SX | Terxon MX | Terxon LX |
|--------------------------------|--|--|--|
| Item number | AZ4000 | AZ4100/AZ4150 | AZ4200 |
| Alarm zones, partitions | 8 zones + 1 tamper zone; 4 monitoring areas (1 main partition and 3 subpartitions possible) | 8 zones, 1 tamper zone; up to 4 partitions: either 1 main partition and 3 subpartitions or 4 equivalent partitions | 8 zones + 8 tamper zones, 8 equivalent partitions |
| Zone termination | NC or DEOL with individual evaluation of alarm and tamper for each zone | NC or DEOL | NC or DEOL separately selectable for each zone |
| Users and operation | Up to 16 users and/or 16 proximities, up to 4 control panels; programming directly through a control panel | Up to 16 users and/or 16 proximities, programming directly through a control panel, using sof ware, using a modem; remote maintenance possible | Up to 99 users and/or 99 chip keys, programming directly through a control panel, using sof ware, using a modem; remote maintenance possible |
| Switching outputs | 3 × transistors, each up to 500 mA, 8 × transistors, each up to 50 mA, freely programmable | 11: 1 × 500 mA transistor, 2 potential-free relays, each 1,000 mA, 8 additional of 50 mA each, freely programmable | A total of 23: 1 siren, 1 strobe, 3 transistors, 2 relays, 16 communication (expandable to up to 93) |
| Alarms | Buzzer in control panel | Buzzer in control panel, integrated analogue dialler; protocols: Fast Format, Contact ID, SIA, Homebeep | Buzzer in control panel, integrated analogue dialler, protocols: Fast Format, Contact ID, SIA |
| Expandability | - | Yes, by up to 24 wireless or 24 wired zones | Yes, expandable by up to 256 wireless or 264 wired zones |
| Display | Two-line LCD alphanumerical display | Two-line LCD alphanumerical display | Two-line LCD alphanumerical display |
| Event log | Up to 250 events with date and time | Up to 250 events with date and time | 2,000 events with date and time |
| Tampering | 2 tamper lines: one for siren, one for detectors; housing and control panel monitored for tampering | 2 tamper lines: one for siren, one for detectors | 9 tamper lines: one for siren and one for each zone; control panel and alarm panel housing monitored for tampering |
| Connections | 230 V screw terminal, loudspeaker, zone screw terminal, transistor outputs, 13.8 V screw terminal | 230 V screw terminal, loudspeaker, zone screw terminal, transistor outputs, 13.8 V screw terminal, RS-232, PSTN | 230 V screw terminal, loudspeaker, zone screw terminal, transistor outputs, 13.8 V screw terminal, RS-232, PSTN, USB |
| Housing material | Alarm panel: metal, control panel: ABS | Alarm panel: metal, control panel: ABS | Alarm panel: metal, control panel: ABS |
| Certifications | INCERT, F&P, NCP | INCERT, VSÖ, F&P, NCP | - |
| Languages | 11 selectable languages | 11 selectable languages | 4 selectable languages: DE, EN, FR, NL |
| Power consumption | Primary: 200 mA maximum, Secondary: 1.0 A maximum | Primary: 200 mA maximum, Secondary: 1.0 A maximum | Primary: 200 mA maximum, Secondary: 1.0 A maximum |
| Battery type | 12 VDC, 7.0 Ah lead rechargeable battery (optionally available: BT2070) | 12 VDC, 7.0 Ah lead rechargeable battery for backup power supply | 12 VDC, 7.0 Ah (BT2070) or 17 Ah lead rechargeable battery (BT2180) |
| Power supply | Primary: 230 VAC +/-10%, Secondary: 13.8 VDC +/-10%, voltage monitoring; Backup power supply (rechargeable battery optional) | Primary: 230 VAC +/-10%, Secondary: 13.8 VDC +/-10%, voltage monitoring; Backup power supply (rechargeable battery optional) | Primary: 230 VAC +/-10%, Secondary: 13.8 VDC +/-10%, power supply monitoring; Backup power supply (rechargeable battery optional) |
| Dimensions, weight | Alarm panel: 240 × 240 × 85 mm, 2.45 kg; control panel: 113 × 90 × 23 mm | MX: 390 × 310 × 90 mm, 5 kg; MX compact: 235 × 235 × 85 mm, 3.3 kg | 384 × 312 × 90 mm, 5 kg |
| Scope of delivery | Alarm panel, control panel, resistors | Alarm panel, control panel, resistors | Alarm panel, control panel, resistors |

Overview of components and detectors



Key switch

The key switch allows the alarm system to be activated or deactivated easily with the turn of a key. Core removal protection optimally protects the key switch against tampering.



Shock detector

The precise evaluation of structure-borne sound signals allows this shock detector to reliably detect break-in attempts such as prying open, breaking through or smashing.



Motion detector

These motion detectors were developed especially for protecting private, commercial and industrial properties. Seven detectors with a variety of detection methods are available.



Photoelectric sensor

These photoelectric sensors can be used in combination with the Terxon for monitoring of corridors, doors or car parks.



Contact detector

Ensure reliable external perimeter protection by protecting doors and windows. You are immediately notified if someone tries to gain unauthorised access.



Panic alarm button

This panic alarm button allows a discrete alarm to be issued. Install the panic alarm button in a location that is easily accessible to you, but inconspicuous to others.



Smoke detector

Reliably detects temperature changes in the room. Through the use of a special thermal element sensor type, these detectors can also be used in humid spaces.



Sounder

With a strobe light and signal tone, this professional compact alarm is an important component of a completely functioning alarm chain. The length of the alarm is programmable.



Glass breakage detector

Glass surfaces offer a large target and are sensitive points of a building. In order to fulfil all requirements, a variety of methods are available here.



GSM dialler

The PSTN dialler provides the silent alarm with valuable information content. Configure automatically articulated voice messages and assign them to an alarm event.

Extensions and additional components



Terxon 2WAY module: integration of bidirectional wireless components



- For integration of the bidirectional Secvest 2WAY wireless components: control panel, external siren, internal siren, 2WAY remote control, Secvest Key 2WAY, wireless key switch
- Suitable for the Terxon alarm panels MX and LX
- Duplex antenna technology
- Reserved 868 MHz security frequency, encryption

The Terxon 2WAY module is a bidirectional wireless enhancement module for wired alarm systems. Commands of the Secvest 2WAY wireless components, which are also bidirectional, are transmitted via this module to the wired alarm panel. In contrast to the wireless extension module, the Terxon 2WAY module can be used not just to forward commands to the alarm panel – the module can also receive status messages (activated/deactivated state, delay time running, etc.) of the alarm panel. This status information is then transmitted wirelessly to all Secvest 2WAY bidirectional wireless components.

Optional components: wireless remote control, wireless control panel, wireless key switch, Secvest Key, wireless external and internal siren.



Additional components



Proximity chip key



LCD control panel



Relay board

These additional components allow you to usefully expand your Terxon alarm system. You can use the control panel to operate and program the alarm panel. Thanks to the proximity chip key, you don't need a PIN code. A relay board can be used to increase the switching power by 8 powerful relay switch outputs.

Terxon MX / LX zone extensions



**8-zone wired extension with PSU
(power supply extension)**



8-zone wired extension



8-zone wireless extension

Are the available zones not sufficient? Use the extensive options for expanding your Terxon. The Terxon allows you to remain flexible no matter what the structural characteristics of your building are: depending on your needs, you can expand the system by 8 zones per wire and/or wirelessly.



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Terxon wired and hybrid alarm systems to meet any requirement

- Reliable protection for private and small business applications, as well as protection of commercial properties and building complexes
- Convenient and simple operation of each system
- Low-cost alternative to wireless systems, particularly suitable for new buildings or properties in which cable ducts already exist
- If required, Terxon MX and LX can be extended to include all Secvest wireless components



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You can also find more answers to your questions on the Internet at:

www.abus.com

Your ABUS dealer would be happy to advise you:



The good feeling of security



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