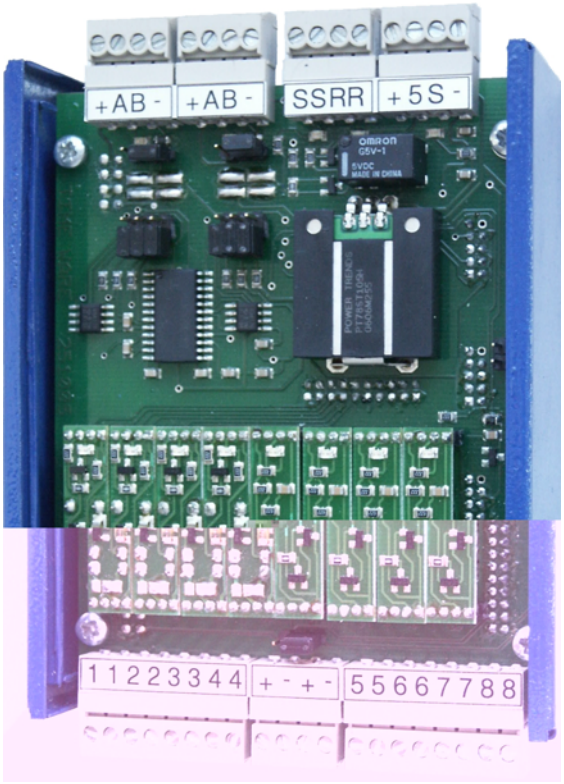
TIME WARE

NexACCESS surprise

The innovative controller for access control

Security applications, facility control, networks, different kinds of interfaces: Requirements, rarely covered by conventional controllers. Basically built with standard components, Nex-line products offer the matching solution. Most different data can be collected, rated and transferred by a single controller.

Not more largely than a Ground Fault Circuit Interruptor but fully surprises in the efficiency



The philosophy

The inside of the controller builds on technical standards. The core is the interface board which provides all outward interfaces (plugs and terminals), and allows the installation of the intelligent components and the I/O-modules. Using standardised ISA boards provides a variety of features.

Because of the used LAN-technology *NexACCESS* controller can be linked together. Additionally an integration into existing IT-nets and connections with higher-level systems can be realised easily.

The controller contains a software which allows an extensive data maintenance, configuration as well as parameterisation. This software can be operated with a WEB browser.

Due to the programmability, functions of the standard application can be upgraded with customer specific solutions.

The compact enclosure also allows the operation in non-spacious environments and the mounting on standard DIN rails.

- ⇨ **very compact size**
- ⇨ **up to 8 card readers**
- ⇨ **8 programmable digital in-/outputs**
- ⇨ **for a big variety of readers of all common used media**
- ⇨ **WEB browser configurable**
- ⇨ **LINUX operating system**
- ⇨ **programmable**

Nex-Line applications and products

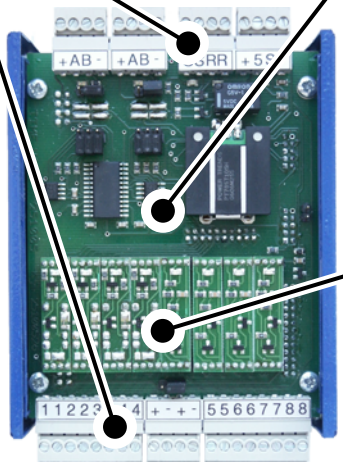
The *NexACCESS compact* controller is used for security- and facility control, for industrial- and leisure applications. Typical applications are access control, door-, turnstile-, and sluice control, elevator use, season-, point- and day ticketing. With the data registration terminal *NexTIME* and the access controller *NexACCESS* two more products are available, which allow pre-configured applications for time registration, data capture and intercom.

NexACCESS surprise - The universal controller

Although mainly used in access control, the *NexACCESS surprise* can be used for common control and data capture applications due to his open system- and hardware architecture

Interfaces and power supply

A 10Mbit Ethernet interface allows a connection with a higher level system and the networking of more NexACCESS controllers. Two RS232/RS485 interfaces serves as connection for the sub-terminals (reader) in access control applications. Device drivers for proximity RFID-reader Legic, mifare, em, hitag and digital-reader from WSE, Indala, HID, EVVA as well as fingerprint reader are available. Programwise up to eight reader can be connected. The peripheral devices and the power supply are connected with the interface board of the controller by service friendly screw terminal plugs. The connection of a LC display is available optionally.



Configuration

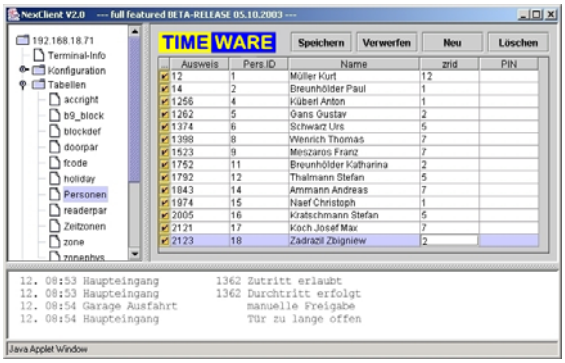
The *NexACCESS surprise controller* is usually equipped with a 386/60Mhz CPU board with 8MB RAM. Flash IDE-modules are available from 16MB to 128MB.

In- / output modules

The controller provides 8 digital in/outputs, which can be equipped in any combination, they are directly accessible on the interface board. Beyond that an alarm output and a sabotage input are available for general purposes.

Programmability

The basic program executes the communication with all concerned components and provides a customer interface with all accrued information as events. These events can be processed in a state-machine, where different actions can be chosen by the programmer. So, based on specific events, I/Os can be set, data can be rated (table access), transmitted or stored. A user configurable download allows data synchronisation with data-bases on host systems. The programming is done in a meta-language either on the controller or at a PC.



Technical specification

PC-compatible single board computer	
Non volatile memory	IDE Flash from 4MB
Host-interface	LAN 10BaseT half Duplex* or RS485 2wire half Duplex
Reader-interface	RS485 2wire half Duplex* or RS232
In-/ output-modules	8 onboard mixable
Power supply	9-36V DC 15W
Dimensions	124 x 87 x 50 mm

* default

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