

Making tethered and radio-integrated access solutions easily connectable

Product News: Kentix Launches IP Wall Reader With Integrated PoE Splitter

Idar-Oberstein, October 23, 2017 +++ Kentix, manufacturer of professional Smart Building Security Products (kentix.com), has launched a new product in October 2017. The IP Wall Reader with integrated PoE splitter adds a tethered version to the radio-integrated elements of the access control system Kentix DoorLock®. It integrates smoothly into the existing portfolio and therefore, both types of access control solutions can now easily be combined.

IP Wall Reader (PoE) with touch-pin-pad and RFID card reader

The new IP Wall Reader with ethernet and PoE comes with a 13.56MHz RFID multi-card-reader as well as an illuminated touch-pin-pad, enabling a two-factor-authentication if required. Its extraordinary feature is the integrated PoE splitter with a 24VDC supply to the door opener directly through the reader module. Therefore, no additional cables for power supply are needed.

Easily adaptable for systems of any size

The IP Wall Reader is available as a StarterSet with a network relay module or as a single extension reader. The network relay module is only 45x45mm in size and forms the central unit with network connection. It is simply assembled in an outlet socket on the interior and is supplied with power via PoE. The administration takes place via the integrated web server; no additional external software is not required. The relay module communicates with the IP Wall Reader via an encoded BUS connection (up to 1000m in length). The IP Wall Reader is mounted near the door in an outlet socket or, optionally, in a housing for surface mounting. In order to integrate an additional door, an extension reader is sufficient. It can be connected to the existing relay module. If more doors are to be integrated, any number of network relay modules can be connected to one system with central administration via a master-slave-mode.

Integration of LDAP and IP video cameras

Moreover, the IP Wall Reader integrates Microsoft Active Directory (AD) and LDAP which makes the access management very easy. The time-user-profiles are imported via the directory services and centrally managed. In addition, any door in the system can be connected to an IP camera which records a sequence of pictures any time someone unlocks the according door. The pictures are saved to the logbook including the user data and a time stamp. False entries and attempts of sabotage will immediately be forwarded via e-mail to the system administrator with the pictures attached.

Replacement for existing old systems

Due to the very compact structure of the relay module and the up to 1000m long BUS connection between relay module and wall reader, the solution is ideal in order to replace old systems with new IP technologies. For this purpose, most of the existing cabling can continue to be used. The relay modules can centrally be mounted to a DIN rail and replace the existing central units.

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About Kentix:

Kentix is a manufacturer of professional monitoring solutions for the security of IT rooms, data centers and mission critical infrastructure. Kentix develops and manufactures its products exclusively in Germany with the highest quality standards. Authorities and enterprises from all sectors of the economy secure their IT systems against all major physical threats with the Kentix MultiSensor Technology. The Kentix MultiSensor merges many different sensors in one functional unit and makes it very efficient compared to the market.