ACL800FL-CONV-W

ACL800 Converter - RS485 to TCP/IP converter, fitted in DIN-RAIL housing

Product description

The ACL800FL-CONV-W is highly integrated serial to Ethernet Converter that enables you to connect any KGS biometric reader over a local LAN network or over the Internet to your computer. Configuration of the IP address, Dynamic DNS, TCP/UDP ports can be done from browser or from the ACL800 BioManager software. The software is capable to automatically search IP addresses of the converters, as well as the serial numbers of the biometric readers. The device is already preset for use with the Biometric Readers

The ACL800 range

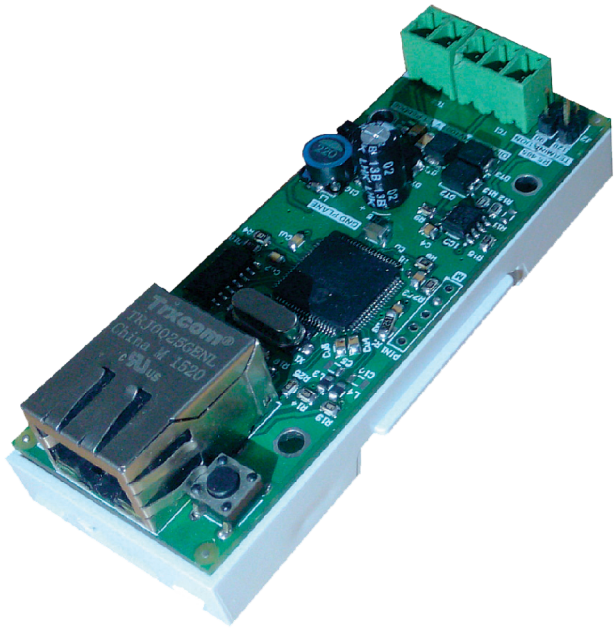
The ACL800 Series consists of all the required elements to establish a range with a state-of-the-art design. This new range, consisting of readers, stand-alone keypad readers and Request-To-Exit touch sensitive push buttons, provides all you need for a coherent look-and-feel attractive project. The product line has now expanded new biometric readers.

Card technology

The readers are compatible with the TruPortal (125 KHz) credential range and other industry standards like MIFARE Classic, - Plus, - Ultralight and - DESFire EV1. These technologies use the CSN (Card Serial Number) or UID (Unique Identifier) as credential identifier. The wiegand output (32 or 56 bit) is automatic according to the card type and ensures uniqueness of the MIFARE CSN with 4 and 7 Byte UID. The Proximity card type can be selected through DIP switches in \"HID only\ HID and EM\" \"HID and Casi\" \"Casi only\" or \"EM only\" and Wiegand outputs automatically according to the card type."

Compatibility

The ACL800 reader range is compatible with the TruPortal learn-in reader (TP-RDR-LRN) for learning-in credentials in access control panels like TruPortal. This compatibility is provided for both the 125 KHz and the 13.56 MHz credentials, while using the full wiegand format length in the management software (also with other third-party packages). There are different mounting possibilities: either flush mounted within the electrical wall sockets or surface mounted with a stylish, small, modern-looking molded design.



Details

- Indoor
- DIN rail mount or wall mount
- Network interface and a RS485 interface
- Fitted in a DIN rail housing
- Dedicated IP or/and MAC address
- Visual LED signalization for TCP/UDP packets
- DHCP client
- DDNS support
- Finds portals by ACL800 BioManager

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Technical specifications

System

RTE (Request To Exit)	No
CSN (Card Serial Number)	No
Custom data model	No
No. of LEDs	
No. of covers included	
Reader accessory	Installation kit
Language installation manual	English

Technology

Reader type	Interface
Read write	No
SAM module embedded	No

Interface & connections

Interface	RS-485
Connector type	Network, Terminal Strip
Network interface	10 BaseT, Half duplex
RS485 interface	38400 Bps (8 bit data, no parity, 1 stop bit)

Tamper type

Pry-off tamper	No
Opening tamper	No

Operation

Stand-alone	Yes
PIN keypad	No

Support

Language installation manual	English

Electrical

Power supply type	VDC
Power supply value	12 VDC
Current consumption	100mA @ 12 VDC

Physical

Physical dimensions	90 x 37 x 33 mm
Net weight	250 g
Shipping weight	400 g
Colour	White
Material	ABS
Form factor	Small PCB
Mounting type	Flush mount, Wall mount

Environmental

Environment	Indoor
Operating temperature	0°C to +40°C
Storage temperature	-20 to +50°C

Regulatory

Compliancy	CE, RoHS

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