

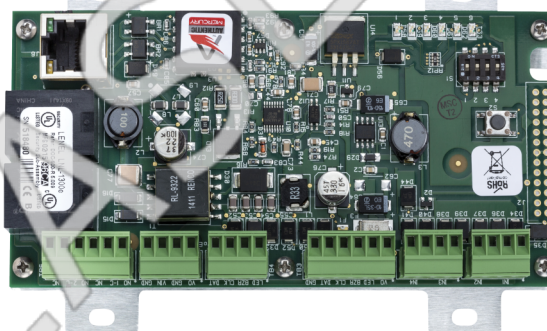
LNL-1300E

Flexible Network-Connected Door I/O Module

Overview

The LNL-1300e is a flexible network-wired Lenel hardware module that interfaces either a single door (with 1 or 2 readers) or a set of I/O points to OnGuard® systems version 7.1 or higher. The LNL-1300e allows doors or auxiliary I/O to be conveniently wired to an OnGuard system using structured cabling and Ethernet, rather than via dedicated RS-485 wiring. When combined with a compatible Lenel Intelligent System Controller, this allows either a 100% Ethernet solution or a hybrid system to be deployed, depending on the security and IT infrastructure considerations of the installation. The LNL-1300e provides the same Local I/O linking and fallback options as traditional serial connected modules, but with the convenience and flexibility of network connection

The LNL-1300e can be configured in one of two operating modes. When in the network-connected single door controller mode, the LNL-1300e allows one or two readers to be connected, controlling a single door. Two auxiliary inputs and one auxiliary relay output are also available, in addition to dedicated exit request and door contact inputs and a door lock output relay. And, when in the network-connected I/O module mode, the LNL-1300e allows up to four auxiliary inputs and two auxiliary relay outputs to be configured using Lenel's OnGuard system.



Details

- Supports 10/100 Ethernet communications to Lenel Intelligent System Controllers
- Advanced Encryption Standard (AES) 128-bit algorithm for communications
- Mounts into a standard triple gang switch box for a compact footprint
- Firmware stored in flash memory and background download of firmware updates supported
- Custom or standard end-of-line resistors supported
- Features when in network-connected single door controller mode:
 - Two reader ports: magnetic stripe, wiegand, Supervised or Unsupervised F2F, or OSDP (Port 1 only)
 - Paired or single reader support
 - Reader Port 1 supports Open Supervised Device Protocol (OSDP), including biometric template transfer and Secure Channel encryption
 - Two outputs; one dedicated for a strike and one general purpose (Form C, 5A @ 28Vdc)
 - Two fixed inputs for door contact and request to exit (REX)
 - Two programmable auxiliary inputs
- Features when in network-connected I/O module mode:
 - Two general-purpose auxiliary relay outputs (Form C, 5A @ 28Vdc)
 - Four programmable auxiliary inputs

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Technical specifications

System

| | |
|------------------------|---------------|
| Controller type | Reader module |
| Software compatibility | OnGuard |
| PCB Only | Yes |
| LCD intrusion keypad | No |

Readers / doors

| | |
|---------------------|---|
| Max. no. of doors | 1 |
| Max. no. of readers | 2 |

Interfaces

| | |
|------------------|---------------------------------|
| Reader interface | Clock-data, OSDP, SF2F, Wiegand |
| Host connection | IP |

Communication

| | |
|---------------|-------------------|
| IP addressing | DHCP, Fixed IP |
| IP port speed | 10 Mbit, 100 Mbit |

Inputs / outputs

| | |
|---------------------|---|
| Max. no. of inputs | 4 |
| Max. no. of outputs | 2 |

Electrical

| | |
|---------------------|--------|
| Operating voltage | 12 V |
| Power supply type | VDC |
| Current consumption | 150 mA |

Physical

| | |
|---------------------|------------------|
| Physical dimensions | 140 x 24 x 92 mm |
| Net weight | 120 g |
| Shipping weight | 180 g |

Environmental

| | |
|-----------------------|-------------------------|
| Operating temperature | 0 to +70°C |
| Storage temperature | -55 to +85°C |
| Relative humidity | 10 to 95% noncondensing |

Regulatory

| | |
|------------|---------------------------------|
| Compliance | CE, RoHS, UL 1076, UL 294, WEEE |
|------------|---------------------------------|