

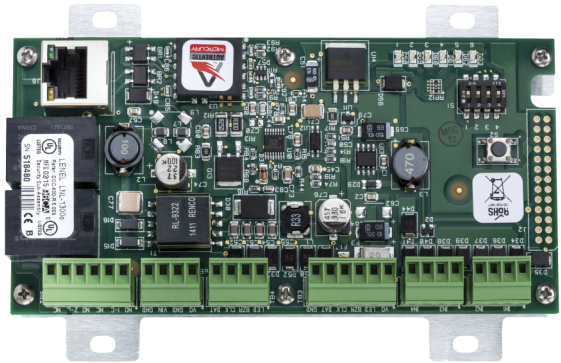
LNL-1300E

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 readers	2
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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

Standards & regulation

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