LNL-1320 Series 2
Lenel Dual Reader Interface Module

Overview

Lenel Systems International offers a Dual Reader Interface (DRI) module for access control solutions. Most access control card readers, keypads, or readers with keypads that use standard Wiegand Data1/Data0 or Clock/Data communication are supported, as are those that support the new bidirectional RS-485 Lenel OnGuard Supervised Device Protocol (OSDP). Lock, unlock, and facility code offline access modes are supported on all readers connected to the DRI. Each DRI supports up to eight different card formats as well as issue codes for both magnetic and Wiegand card formats.

The DRI provides a vital link between the Intelligent System Controller (ISC) and the card reader attached to the interface. As many as 32 DRI modules can be multidropped using RS-485 2-wire or 4-wire communication up to 4,000 feet per port away from the ISC. Each DRI module is individually addressed for increased reporting capabilities with Lenel OnGuard access control software applications. The DRI includes eight inputs that support normally open, normally closed, supervised, and non-supervised circuits. In addition, six output relays support fail-safe or fail-secure operation.
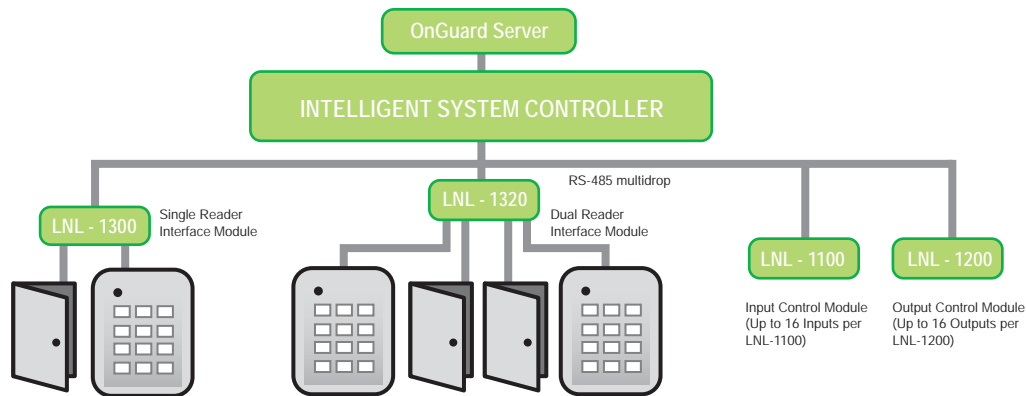
Features and Functionality

- 12 or 24 VDC power supply
- Supports Data1/Data0, Clock/Data and Lenel OSDP-compatible RS-485 readers and keypads
- Downloadable firmware
- Six Form-C 5 A at 30 VDC relay outputs
- Up to 16 different formats (8 card formats and 8 asset formats)
- Issue code support for magnetic and Wiegand formats
- Door contact supervision (open/closed)
- REX push-button monitor
- Strike control output
- Bicolor reader status LED support and 2-wire LED support
- Beeper control
- Dedicated tamper and power failure circuits
- Support for offline reader access mode
- Onboard jumpers for termination
- Onboard regulator allows 12 VDC reader support from 24 VDC power source
- DIP switch-selectable addressing
- UL 294 and 1076 listed, CE marked

RoHS compliant

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CE

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OnGuard Server

INTELLIGENT SYSTEM CONTROLLER

RS-485 multidrop

LNL - 1300 — Single Reader Interface Module

LNL - 1320 — Dual Reader Interface Module

LNL - 1100 — Input Control Module (Up to 16 Inputs per LNL-1100)

LNL - 1200 — Output Control Module (Up to 16 Outputs per LNL-1200)

Power Supplies & Enclosures

LNL-AL400ULX	Lenel UL-listed 4 A, 110 VAC power supply - 12 or 24 VDC 4 A output (switch-selectable), 120 VAC input, continuous supply current with enclosure (12 x 16 x 4.5 in.), lock and open frame transformer, tamper switch, UPS capable (battery optional), UL-approved
LNL-AL600ULX-4CB6	Lenel UL Listed Power Supply - 12 or 24 VDC 6 A output (switch-selectable), 120 VAC (1.6 amps) input, continuous supply current with enclosure (18 x 24 x 4.5 in.), lock and open frame transfomer, tamper switch, UPS capable (battery optional), UL-approved
ABT-12	Battery kit - 12 VDC, 12 AH battery (PS-12120)

Specifications

Primary Power (DC)	* The DRI is for use in low voltage, power-limited, class 2 circuits only.
DC input:	12 or 24 VDC ± 15%. 450 mA
Reader Power	
DC output:	12 VDC, 125 mA regulated or 12 to 24 VDC 125 mA current limited
Reader Port Compatibility	Wiegand Data1/Data0
	Magnetic Clock/Data
	F/2F single-wire protocol
	OnGuard Supervised Device Protocol (RS-485)
Environmental	
Temperature:	Operating: 0° to +70° C (32° to 158° F)
	Storage: -55° to +85° C (-67° to 185° F)
Humidity:	0 to 95% RHNC
Mechanical	
Dimension:	6 x 8 x 1 in. (152 x 203 x 25 mm)
Weight:	10 oz. (290 g) nominal
Approvals	UL 294 & UL 1076 listed, CE marked
	ROHS-compliant

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