



LNL-1300 Series 2

Lenel Single Reader Interface Module

Overview

Lenel Systems International offers a Single Reader Interface (SRI) module for access control solutions. 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 SRI. Each SRI supports up to eight different card formats as well as issue codes for both magnetic and Wiegand card formats.

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

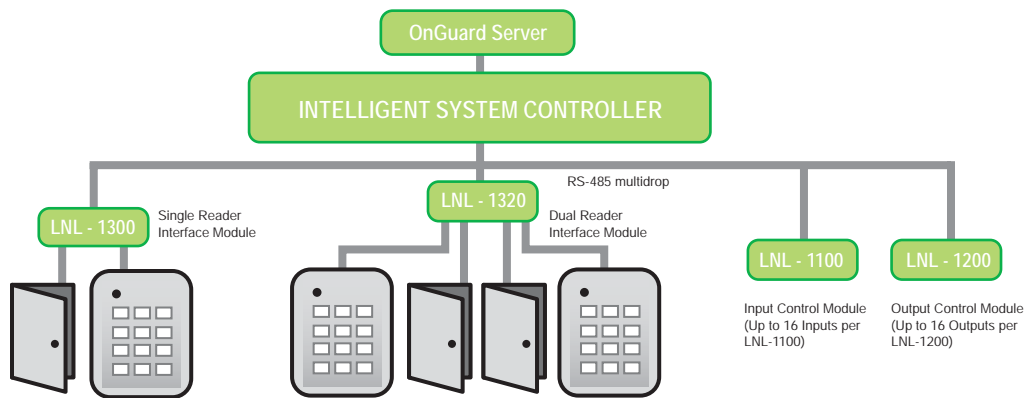
Features and Functionality

- 12 or 24 VDC power supply
- Supports Data1/Data0, Clock/Data and Lenel OSDP-compatible RS-485 readers and keypads
- Two Form-C relay outputs (5 A door strike and 1 A aux relays)
- Up to 16 different card formats (8 card formats and 8 asset formats)
- Issue code support
- Downloadable firmware
- Door contact open or closed, supervised or non-supervised
- REX push-button monitor - supervised or non-supervised
- Strike control output
- Bicolor or 2-wire reader status LED support
- Reader beeper control
- Plastic mounting channel
- Support for offline reader access mode
- Elevator control, support for 64 floors
- UL 294 and 1076 listed, CE marked



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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 transformer, tamper switch, UPS capable (battery optional), UL-approved
ABT-12	Battery kit - 12 VDC, 12 AH battery (PS-12120)

Specifications

Primary Power (DC)	* The SRI is for use in low voltage, power-limited, class 2 circuits only.
DC input:	12 or 24 VDC ± 15%. 125 mA
Reader Power	
DC output:	12 VDC 125 mA max 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:	2.9 x 4.25 x 1.4 in. (74 x 108 x 36 mm)
Weight:	4 oz. (120 g) nominal
Approvals	UL 294 and 1076 listed, CE marked RoHS-compliant

Lenel Systems International, Inc.
1212 Pittsford-Victor Road
Pittsford, New York 14534
Tel 585.248.9720 Fax 585.248.9185
www.lenel.com

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