



# LNL-1100 Series 2

## Lenel Input Control Module

### Overview

The Lenel Input Control Module (ICM) provides the access control system with high-speed acknowledgment of critical alarm points in monitored areas. The ICM communicates directly with the Intelligent System Controller (ISC) either by 2-wire or 4-wire RS-485 communication. The ICM has 16 configurable input control points and 2 output control relays. It supports normally open, normally closed, supervised and non-supervised circuits.

The input circuits are scanned using an analog-to-digital converter. The digitized input status signal is software-monitored and controlled, so that each input point can be programmed as a supervised or non-supervised alarm point.

The output relays can also be configured for fail-safe or fail-secure operation. Each relay supports the “On,” “Off,” and “Pulse” Lenel OnGuard software commands.

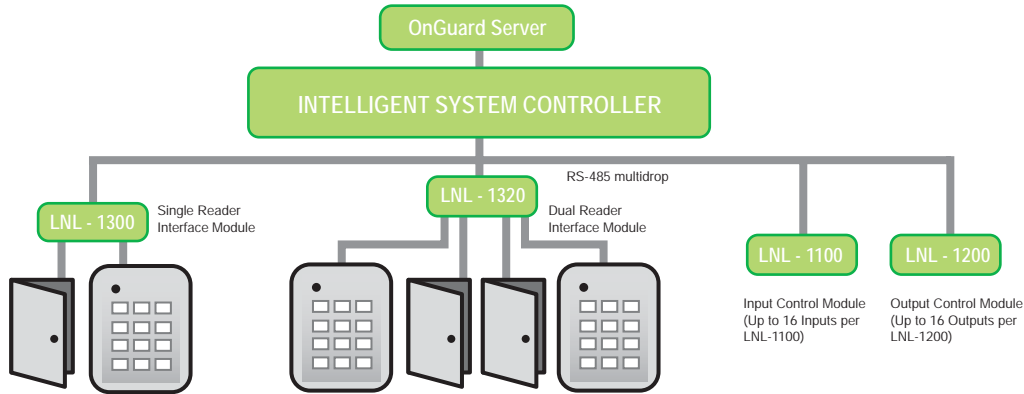
### Features and Functionality

- Grade B, A, and AA Line Supervision
- 12 or 24 VDC input power
- 16 programmable supervised or non-supervised contacts
- 2 Form-C 5 A, 30 VDC contacts for load switching
- 2 dedicated inputs for tamper and power failure status
- Onboard termination jumpers
- DIP switch-selectable addressing
- Elevator control, support for 64 floors
- Status LED for host communication and heartbeat
- Variable resistor values for line supervision
- Downloadable firmware
- UL 294 and 1076 listed, CE marked



A UTC Fire & Security Company

# LNL-1100 Series 2



## 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 A) 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

<b>Primary Power (DC)</b>	* The ICM is for use in low voltage, power-limited, class 2 circuits only.
DC input:	12 or 24 VDC $\pm$ 15%. 350 mA
<b>Memory and Clock Backup</b>	3 V lithium, type BR2325
<b>Environmental</b>	
Temperature:	Operating: 0° to +70° C (32° to 158° F) Storage: -55° to +85° C (-67° to 185° F)
Humidity:	0 to 95% RHNC
<b>Mechanical</b>	
Dimension:	6 x 8 x 1 in. (152 x 203 x 25 mm)
Weight:	10 oz. (290 g) nominal
<b>Approvals</b>	UL 294 and UL 1076 listed, CE marked ROHS-compliant