

# LNL-2210

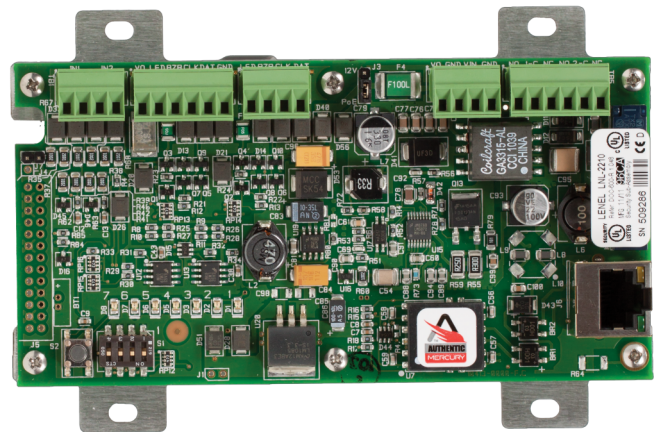
## Intelligent Single Door Controller

### Product Overview

The LNL-2210 Intelligent Single Door Controller (ISDC) is an edge device by Lenel that provides a solution for interfacing one or two readers to a single door within an OnGuard system. Offering innovation at an economical price point, the LNL-2210 is a high-performance, Ethernet ready card reader panel that controls a single opening with 802.3af compliant Power over Ethernet (PoE). Built on a proven platform, the LNL-2210 seamlessly interfaces to a larger system for flexible, reliable expansion. Easy installation with PoE makes this the logical choice for single door control.

Once configured, the LNL-2210 functions independently of the host and is capable of sophisticated processes while controlling access for a single opening. Without host intervention, the LNL-2210 can relate selected system devices and their activity to other onboard devices, consistently allowing those activities and actions to transpire independently.

The LNL-2210 is capable of interfacing with a wide array of reader technologies for single opening control. Reader ports support separate in/out readers and technologies that include Wiegand, clock and data, RS-485, magnetic stripe, keypads, LCD and biometrics - resulting in the flexibility, versatility and reliability needed for success.



### Details

- Primary Port: 10/100 Ethernet
- Two reader ports: Magnetic stripe, Wiegand, or RS-485 (RS-485 on one reader port capable of supporting two readers)
- Two fixed inputs for door contact and request to exit (REX)
- Two outputs; one dedicated for a strike and one general purpose (Form C, 2A @ 30Vdc)
- 6 MB of available on-board, non-volatile flash memory
- Firmware stored in flash memory, background download of firmware updates supported
- 240,000 cardholders, 50,000 event transaction buffer
- Programmable card activation and deactivation times and dates
- Eight active card formats per LNL-2210
- Magnetic stripe, proximity, iClass, multiClass, MIFARE, DESFIRE, biometric template support
- 18 digit Badge ID
- Nine digit PIN number maximum support
- Open Supervised Device Protocol (OSDP) compliant
- Enhanced anti-passback capabilities: nested global hard or soft anti-passback, timed anti-passback, two person control, designated one or two person control, tail gate control and occupancy limit
- Standard or custom end of line resistance
- Paired or single reader support
- Selective download capable
- 255 holidays with grouping, 255 timezones, each with six intervals
- Turnstile support
- Individual extended held open and strike times (ADA required)s

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### Technical specifications

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#### System

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Controller type	Main Controller
Software compatibility	OnGuard
Max. no. of access levels	128
Max. no. of timezones	255
Max. no. of card formats	8
Max. no. of PIN code digits	9
Max. no. of holidays	255
Elevator control	No
Max. no. of memory	6MB
PCB only	Yes

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#### Users/cards

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Max no. of cardholders	240000
Offline badge capacity	50000

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#### Interfaces

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

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#### Communication

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Bus interface	RS485
IP addressing	DHCP, Fixed IP
IP port speed	10 Mbit, 100 Mbit

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#### Electrical

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Operating voltage	12 V
Current consumption	150 mA

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#### Physical

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Physical dimensions	51 x 146 x 95 mm
Net weight	120 g
Shipping weight	160 g

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#### Environmental

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

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#### Standards & regulation

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Compliance	CE, FCC, RoHS, UL 1076, UL 294
Certification	CE, UL

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