

LNL-2010/2020 series

Overview

Lenel® Magnetic Card Access Readers are durable, dependable, convenient and competitively priced. The Magnetic Card Access Readers are available in both 12 VDC and optional 5 VDC models. The LNL-2010W is a magnetic swipe only reader, and the LNL-2020W includes a twelve-position keypad (available with an indestructible keypad). The readers have a fully weatherized metal casing shell, which provides strength and durability. The readers are first treated with an anti-corrosion film and then coated with a tough, abrasion-resistant, beige or black textured finish that complements any interior or exterior decor. The readers accept low and high coercivity magnetic stripe cards. Track 2 magnetic readers are standard, but optional Track 1 or Track 3 readers are available.

The readers communicate with the Intelligent System Controller (ISC) through one of two reader interface modules. The single (LNL-1300) or dual (LNL-1320) reader interface module interprets the Wiegand communication (Data 1/Data 0 or Clock and Data) from the reader and sends the signal back to the ISC via RS-485 communication. The reader can be located up to 500 feet (152 m) away from the reader interface module.

Specifications

Primary Power (DC or AC)	* The reader is for use in low voltage, power-limited, class 2 circuits only.
DC input:	12 V model: 12 VDC (10.2 to 13.8 VDC)
	5 V model: 5.8 VDC (4.9 to 6.4 VDC)
Current:	50 mA maximum, 25 mA typical
Environmental	
Temperature:	Operating: 32° to 158° F (0° to +70° C)
	Storage: -67° to 185° F (-55° to +85° C)
Humidity:	0 to 95% RHNC



FEATURES & FUNCTIONALITY

- Host communications - 38.4 Kbps direct wire (RS-232/RS-485 multidropped), Ethernet TCP/IP, or dial-up communication
- 12 VDC power supply (optional 5 VDC available)
- Bidirectional card swipe
- One million card pass read head
- Choice of three attractive weatherproof finishes: black and beige (antique brass optional)
- Two single-color LEDs for reader status
- Track 2 default (optional Track 1 and 3)
- Audible indicator beeper contacts
- Strike controlled by reader interface module
- DIP switch selectable data outputs
- Maximum 500 feet (152 m) distance from reader interface module
- RJ-45 jack for quick installation
- Optional tamper switch
- 12-position keypad (LNL-2020W only)
- (Optional) indestructible keypad, LNL-2020W-NDK

Mechanical	
Dimensions:	1.95 x 5.50 x 1.30 in. (50 x 140 x 33 mm)
Weight:	10 oz. (290 g) nominal
Approvals	FCC Part 15, CE, RoHS, UL 294, UL 294, UL 1076, ULC CSA-C22.2, CAN/ULC-S319-05, cUL/ORD-C1076

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Specifications subject to change without notice.

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