



# LNL-2010/2020 series

## Lenel Magnetic Card Access Readers

### Overview

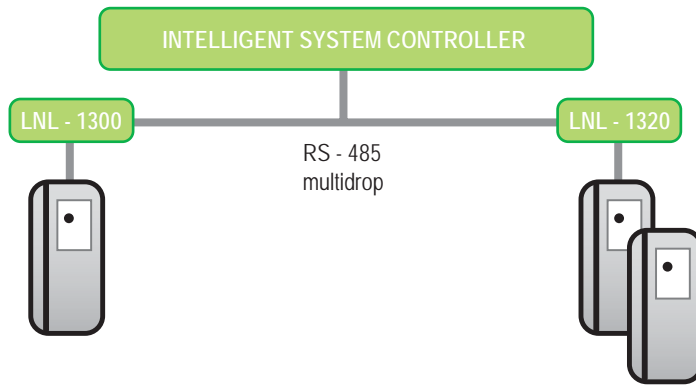
Lenel Systems International's Magnetic Card Access Readers are durable, dependable, convenient and competitively priced. The Magnetic Card Access Readers are available in both 12 VDC and optional 5 VDC models. The LNL-2010W is a magnetic swipe only reader, and the LNL-2020W includes a twelve-position 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 reader communicates 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 away from the reader interface module.

### Features and 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 distance from reader interface module
- RJ-45 jack for quick installation
- Optional tamper switch
- 12-position keypad (LNL-2020W only)
- UL 294 and 1076 listed, CE marked
- (Optional) indestructible keypad, LNL-2020W-NDK





## Reader Options

LNL-2010W	Magnetic Reader, 12 VDC, track 2 weatherized, without keypad, textured black finish
LNL-2020W	Magnetic Reader, 12 VDC, track 2 weatherized, with keypad, textured black finish
LNL-WP10	Wall plate cover for Single Gang electric box
LNL-RCC	Reader connector cable, replacement (lot of 5)
LNL-SS	Security screw (lot of 10)
LNL-SSK	Security screw key for A-SS (lot of 5)
LNL-WS10	Single reader weather shield for LNL-2005W, 2010W, and 2020W
LNL-PE	Textured beige finish
LNL-AB	Antique brass finish

## Power Supplies & Enclosures

LNL-AL400ULX	Lenel UL-listed 4 A, 110 VAC Power Supply - 12 VDC 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 VDC 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

<b>Primary Power (DC)</b>	* The ISC 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
<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:	1.95 x 5.50 x 1.30 in. (50 x 140 x 33 mm)
Weight:	10 oz. (290 g) nominal
<b>Approvals</b>	UL 294 and 1076 listed, CE marked