



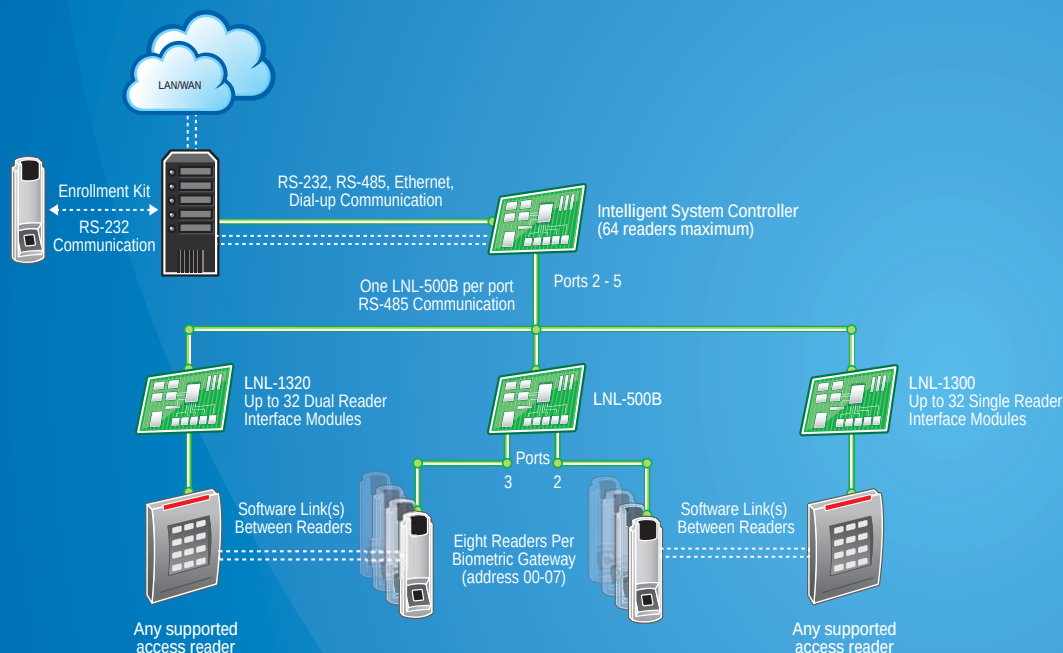
LNL-500B

The Lenel Biometric Reader Interface Gateway (BRI) is an extremely versatile and vital link between the Lenel LNL-2000 or LNL-3300 Intelligent System Controllers (ISCs) and biometric readers from multiple manufacturers. Using OnGuard Access, the gateway can be uniquely configured to support Recognition Systems hand geometry readers, Identix fingerprint readers or Bioscrypt fingerprint readers.

The BRI communicates at 38.4Kbps via RS-485 multidropped configuration to the ISC. The gateway has two downstream RS-485 2-wire ports, each of which supports up to 4 uniquely addressed biometric readers. Each downstream port supports biometric readers located up to 4,000 feet (1219 m) away from the BRI.

Features and Functionality

- Host and downstream communications - 38.4 Kbps, 2-wire RS-485 multidropped communications
- 12 VDC or 12 VAC input power @ 250 mA or 400 mA
- Supports up to 8 biometric readers
- Supported biometric readers:
 - Ingersoll Rand® - HandKey II, ID3D and HandKey CR
 - Identix® V20
 - Bioscrypt® V-FLEX, V-PASS-FX and V-STATION
 - Lenel LNL-BIO007-xxx
- Flash memory for real time program updates
- Status LEDs for heartbeat, upstream and downstream communications
- Two dedicated inputs for Cabinet Tamper and Power Failure status
- On-board RS-485 termination jumpers
- Easy to configure dip switches for address and communications speeds
- Supports fingerprint and PIN code two-factor authentication
- On-board program configuration and clock battery backup



Interface Options

LNL-500B

Lenel Biometric Reader Interface Gateway - 12 VDC or 12 VAC, (5 year lithium battery) 512KB standard memory, support for a maximum of 8 IR Hand Geometry readers per interface

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. / 305 x 406 x 114 mm), lock and open frame transformer, tamper switch, UPS-capable (battery optional), UL-listed

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. / 457 x 610 x 114 mm), lock and open frame transformer, tamper switch, UPS-capable (battery optional), UL-listed

ABT-12

Battery Kit - 12 VDC, 12 AH battery (PS-12120)

Specifications

Primary Power (DC or AC)

* The LNL-500B is for use in low voltage, power limited, class 2 circuits only.

DC input:

12 VDC $\pm$ 15%, 250 mA

AC input:

12 VAC $\pm$ 15%, 400 mA RMS

Memory and Clock backup

3 V lithium, type BR2325

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

Mechanical

Dimensions:

6 x 5 x 1 in. (152 x 127 x 25 mm)

Weight:

8 oz. (230 g) nominal

Approvals

UL 294 and 1076-listed, CE-marked, RoHS compliant

Supported Readers

Ingersoll Rand - HandKey, HandKey II, HandKey CR and ID3D readers (Firmware version 1.21 or later required)

Identix V20 Readers (Firmware version 2.12 or later required)

Bioscrypt V-FLEX and V-STATION (Firmware version 7.30 or later required)

Lenel BioGuard Readers (LNL-BIO007-xxx)