LNL-1380-8RP

Overview

All boards in the Lenel M Series have been designed to facilitate the migration of legacy Picture Perfect, FCWnx, or Secure Perfect Systems to Lenel's OnGuard® System. The Lenel M Series boards provide a one-for-one, plug-compatible, OnGuard-ready replacement for Legacy CASI M5 and M3000 boards. The migration is a straightforward process of powering down the legacy controller, unplugging field wiring from legacy boards, removing legacy boards, inserting new Lenel M Series boards, plugging in field wiring, and powering up new controller which communicates to the OnGuard System.

The LNL-1380-8RP is the replacement for the legacy CASI 8RP board (PN:110100501). The LNL-1380-8RP supports the same readers as the legacy CASI 8RP, F2F or Supervised F2F, with the same wiring configurations. Like the legacy 8RP, the LNL-1380-8RP can support native Supervised F2F readers or readers with Wiegand outputs that interface through WIU device prior to termiation at the LNL-1380-8RP. Note: Each LNL-1380-8RP uses one board address.

Lenel M Series Boards are Mercury Authentic, which means they are manufactured by, and conform to, Mercury Security SDK.

Legacy CASI M Series Boards cannot be mixed with Lenel M Series Boards. If converting M5 or M3000 controller to Lenel M Series, then all boards in that controller must be converted to Lenel M Series.

FEATURES

- Mercury Hardware for OnGuard, redesign to retrofit into Legacy CASI Controllers
- Replaces CASI 8RP, field wiring plug compatible
- Supports Supervised F2F Reader Communications
- Mercury Authentic Hardware

Power & Communications	
Power	Supplied from LNL-3300-M5 or LNL-8000-MCOM via backplane, 12 VDC +/- 10% 36mA maximum, plus reader current
Communications Ports	Backplane: RS-485
Connectivity	
Reader Interfaces	- Eight reader ports - 12 VDC regulated (jumper selected), 300 mA per port - F2F or Supervised F2F, 20 AWG, 500 feet (152m) maximum
Inputs	Only through Supervised F2F Reader / WIU Interface
Outputs	Each Reader port, reader LED Output Control, Open Collector, 40mA sink maximum
Cabling Requirements	Readers: four-wire, 20AWG, 500 feet (152m) maximum
Mechanical	
Dimensions	3.5" W x 10.25" L x 0.69" H (88.9mm W x 260.4mm L x 17.5mm H)
Weight (w/o connectors)	4oz (113g)
Environmental	
Temperature Storage	-65°F to 185°F (-55°C to 85°C)
Temperature Operating	32°F to 158°F (0°C to 70°C)
Humidity	RHNC 5 to 95%
Cardholder capacity	N/A
Offline Transaction Buffer	N/A
Card Formats	N/A
Max Badge Length	N/A
Compliance Approvals	RoHS, FCC, CE, UL 294 , UL 1076

Part Number	Description
LNL-3300-M5	Intelligent System Controller, 12 VDC @300mA; Size 4.56" W x 10.25" L x 0.8" H (115.8mm W x 260.4mm L x 20.3mm H) RoHS
LNL-8000-MCOM	Power/Communications Module-Provides RS485 comm & Power to enclosure; Size 4.56" W x 10.25" L x 0.8" H (115.8mm W x 260.4mm L x 20.3mm H) RoHS
LNL-1320-2RP	Dual Reader Interface Module (Supports Wieg, Mag or SF2F Rdr) 12 VDC; 2 Rdr interface; W/M 4 inputs; 6 (5A) form C relays; RoHS
LNL-1320-S2RP	Dual Reader Interface Module (Supports Wieg, Mag or SF2F Rdr) 12 VDC; 2 Rdr interface; W/M 4 inputs; 6 (5A) form C relays; RoHS
LNL-1380-8RP	Eight Reader Interface Module (Supports SF2F Rdr) 12 VDC; 8 Rdr interface; RoHS
LNL-1200-16DO	Output Control Module 12 VDC; 16 driver array module; RoHS
LNL-1200-16DOR	Output Control Module 12 VDC; 16 relay output control module; RoHS
LNL-1100-20DI	Input Control Module 12 VDC; 20 zone input module; RoHS

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Specifications subject to change without notice.

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