# LNL-1320-2RP

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-1320-2RP is the replacement for the legacy CASI 2RP board (PN:110063001). The LNL-1320-2RP supports the same readers as the legacy CASI 2RP, Wiegand, Clock and Data or Supervised F2F, as well as the same terminations for door contacts, request to exit devices and door strikes. Like the Legacy 2RP, the LNL-1320-2RP requires the Door Contacts and Request to Exit devices be unsupervised contacts.

Note: Each LNL-1320-2RP 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.
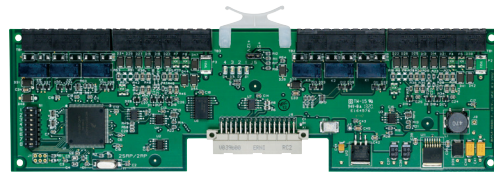
FEATURES

- Mercury Hardware for OnGuard, redesign to retrofit into Legacy CASI Controllers
- Replaces CASI 2RP
- Supports Wiegand, Clock and Data, or Supervised F2F Reader Communications
- Mercury Authentic Hardware

Power & Communications	
Power	Supplied from LNL-3300-M5 or LNL-8000-MCOM via backplane, 12 VDC +/- 10% (155mA), plus reader current
Communications Ports	Backplane: RS-485

Connectivity	
Reader Interfaces	- Two reader ports - 5 VDC or 12 VDC regulated (jumper selected), 300 mA per port - Clock/Data or Wiegand, 18 AWG, 500 feet (152m) maximum - Supervised F2F, 20 AWG, 500 feet (152m) maximum"
Inputs	Four inputs, Unsupervised. Typically for Door Contacts and Request to Exit Device.
Outputs	- Six Form-C relay outputs, 2A@30VAC/VDC, restive - Reader LED Output Control, Open Collector, 40mA sink maximum
Cabling Requirements	Alarm Inputs: 1 twisted pair per input, 30 ohms maximum loop resistance Outputs: As required for the load

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)	4.5oz (126g)

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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