



Product data sheet

LNL-3300-M5

Intelligent System Controller, 12 VDC at 300mA; Size W 115.8mm x L 260.4mm x H 20.3mm

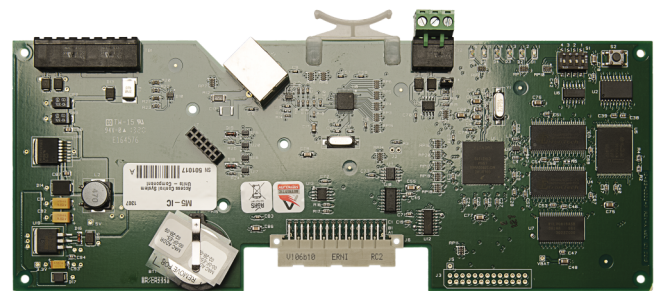
Product Overview

All boards in the Lenel M Series have been designed to facilitate the migration of legacy Picture Perfect, FC Wnx, 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-3300-M5 is the CPU for the controller; it replaces a legacy M5/M3000 CPU (E, P, PX, PXN, PXNplus), and the legacy CASI Power/Comm Board (PN:110064001). The LNL-3300-M5 is plug compatible with 12 VDC power input, cabinet tamper input and AC power fail input from the legacy Power/Comm Board. The LNL-3300-M5 has an onboard 10/100 MB Ethernet connection, either static or DHCP IP addressing capability, and local database for real-time access control decisions and automatic schedule execution. The LNL-3300-M5 communicates through the M5/M3000 backplane to Reader Panel (RP) boards and to Input or Output Control boards attached to the backplane. Additionally, the LNL-3300-M5 has an external RS-485 communications port which can be used to communicate to either other M5/M3000 units with LNL-8000-MCOM in them, or Mercury Authentic Hardware (LNL-1100, LNL-1200, LNL-1300, LNL-1320). LNL-3300-M5 can support a maximum of 32 board addresses.

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.



Details

- Mercury Hardware for OnGuard, redesign to retrofit into Legacy CASI Controllers
- AES Encryption
- 128 Access Levels
- Elevator Control
- 240,000 Local Badge Database
- Mercury Authentic Hardware

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Technical specifications

System

Controller type	Main Controller
Software compatibility	OnGuard
Elevator control	Yes
Elevator control max no. of floors	128
Max. no. of memory	15 MB
PCB only	Yes
LCD intrusion keypad	No

Readers/doors

Max. no. of doors	---
Max no. of readers	---

Users/cards

Max no. of cardholders	240000
Offline badge capacity	50000

Interfaces

Host connection	IP, RS485
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Communication

Bus interface	RS485
IP addressing	Fixed IP

Inputs/outputs

Max no. of inputs	2
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Electrical

Operating voltage	12 V
Power supply type	VDC
Current consumption	300 mA

Physical

Physical dimensions	291 x 167 x 73 mm
Net weight	120 g
Shipping weight	160 g

Environmental

Operating temperature	0 to +70°C
Storage temperature	-55 to +85°C
Relative humidity	0 to 95% noncondensing
Environment	Indoor

Standards & regulation

Compliance	CE, FCC, RoHS, UL 294
Certification	CE, UL

Event log

Max no. of events	50000
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