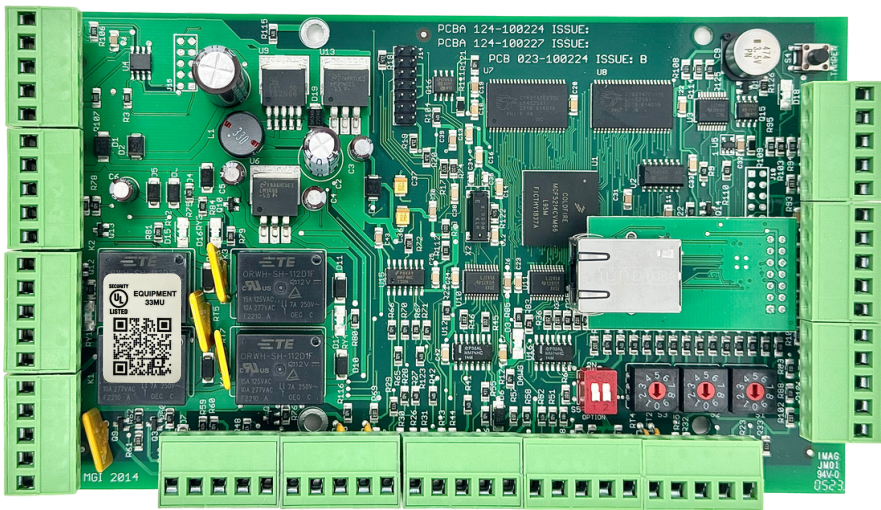


Network Control Device 2 (NET2)

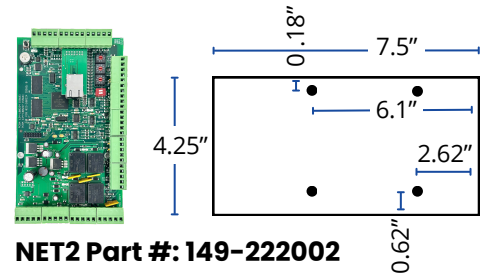


APPLICATION

- The NET2 allows for single-board reader capability without requiring additional boards for server software communication. It controls two access points and accepts connections to most reader technologies. The NET2 stores data for up to 40,000 cards. Cardholder access levels are stored directly on the board, and a log of up to 2,000 transactions are available in memory, even in the event of computer or communications failure.

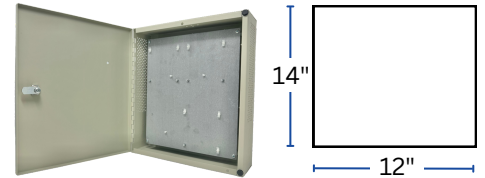
FEATURES

- Supports Wiegand Card Reader protocols, configurable from 0-256, Magstripe formats of ABA/ISO Track 2 with configurable data bits; Clock and Data.
- Incorporates the functions of an SCU, ESCU and EDCD and can be connected to EDCD/DCD boards via RS-485 using various types of supervised wiring methods; Home Running, High Security Loop Back, Daisy-Chaining, and T-Tapping.
- Communicates to the Millennium Software via Ethernet (TCP/IP connection) and can support up to 98EDCD/DCD doors.



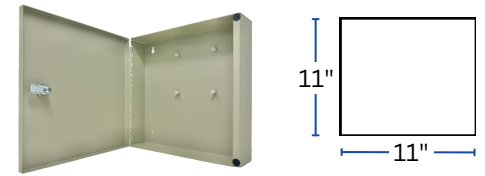
NET2 Part #: 149-222002

NET Double Reader Ethernet/IP door controller includes plug-in power supply.



Enclosure Part #: 062-510235

Board Surface Enclosure suitable for 3 Millennium circuit boards with camlock.



Enclosure Part #: 041-100992

Surface Enclosure suitable for 1 Millennium circuit board, with camlock.

SPECIFICATIONS

Card Data Storage

- Each NET2 stores data for up to 40,000 cards using less than 60 bits

Transaction History Buffer

- 2,000 transaction history provides retention of card activity if communications with server software is lost.

NET2 Communications

- Twisted pair, multi-drop, RS-485 polling scheme used to communicate with other Millennium Devices.

Alarm Monitoring

- Monitor up to 7 independent alarm inputs, two or four state supervised.

Programmable Relays

- Each NET2 includes 4 programmable Single pole, Form C relays that are rated for up to 5 amps @24 VDC or 10 amps @ 24VAC. These are typically used for door locking device.

Circuit Protection

- Input power is protected from reverse polarity, over voltage, and transient surges.
- Relays are overload protected by solid state devices.

Alarm Event History Buffer

- 100 software selectable alarm events (alarms, com fail, etc.) are stored if communications with the server software is lost

Operating Temperature

- 14° to 104°F (-10° to 40°C) less than 90% non-condensing humidity

Power Requirements

- 9-14 VDC, supplied by MGI's PS1 power supply; Current consumption is 150mA nominal.

Cover Tamper Switch

- On-board integrated tamper switch

Dimensions

- 4.24" x 7.35" @ < 1lb
- 10.8 x 18.7cm @ < 0.45Kg

Certification and Listing

- UL 294 Listed