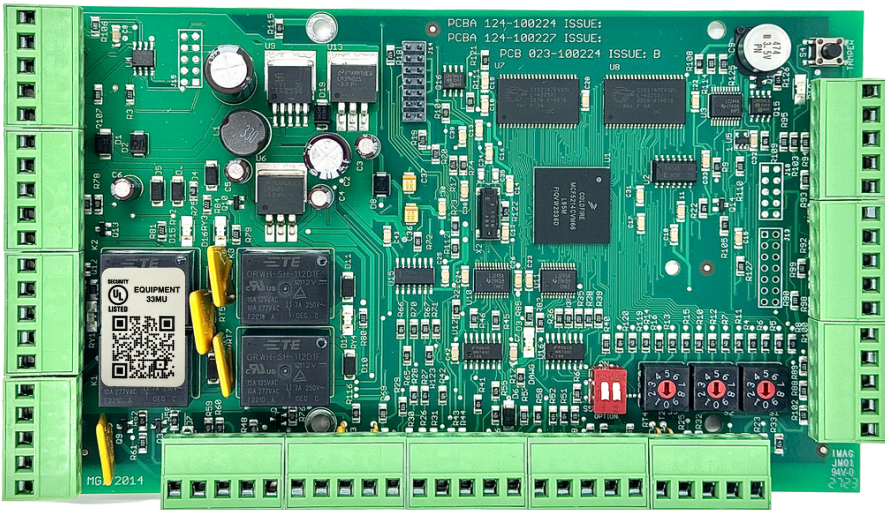


Enhanced 2 Door Control Device (EDCD2)

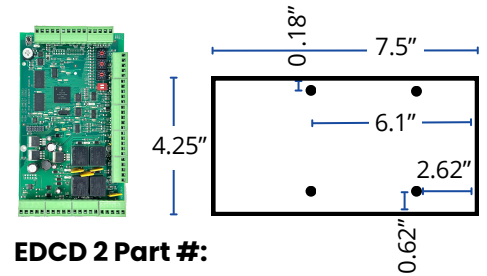


APPLICATION

- The ED2CD2 offers a larger cardholder database and significantly faster processing and communications speed than the standard DCD. It controls a single access point accepts connections to most reader technologies. Stores data for up to 60,000 cards. Because the cardholder access levels are stored here, in the event of a computer or communications failure it will provide continuous access control and log up to 2,000 transactions into memory.

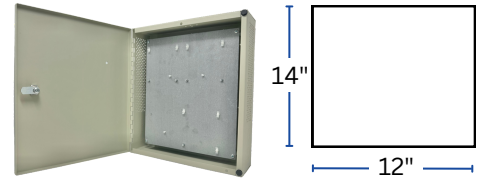
FEATURES

- 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 ED2CD/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 99 ED2CD/DCD doors.



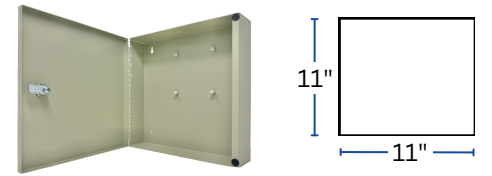
ED2CD 2 Part #:

Double reader door controller intended for use with Enhanced Site Control Unit.



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 ED2CD2 stores data up to 40,000 cards using less than 60 bits.

Transaction History Buffer

- 2,000 transaction history provides retention of card activity is communication with ESCU is lost.

ED2CD2 Communications

- A twisted pair, multi-drop, RS-485 polling scheme is used to communicate with other Millennium devices.

Alarm Monitoring

- Monitors up to 7 independent alarm inputs. 4 are supervised, and the other 3 are normally closed circuits.

Programmable Relays

- Each ED2CD2 includes 4 programmable Single pole, Form C relays that are rated for 10 amps @ 24 VDC. These are typically used for door locking devices.

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 ESCU 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, and 380mA maximum.

Cover Tamper

- On-board integrated tamper switch.

Dimensions

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

Certification and Listing

- UL 294