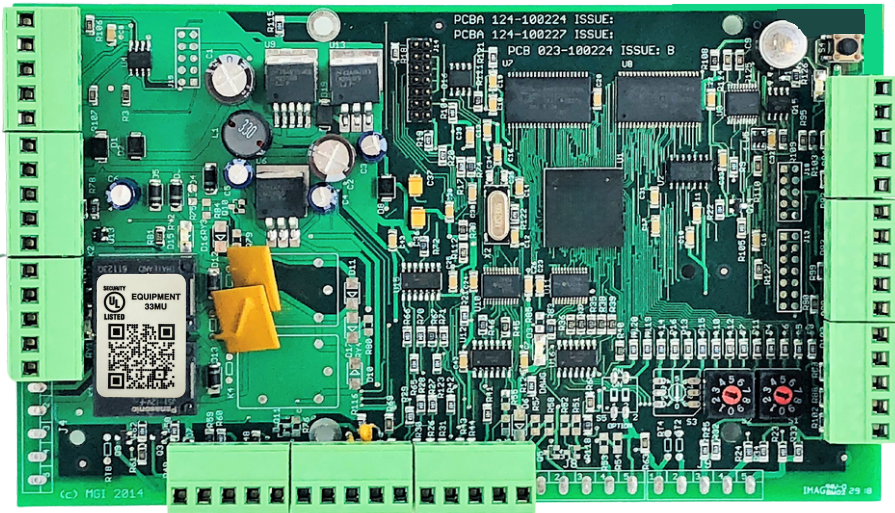


# Enhanced Door Control Device (EDCD)

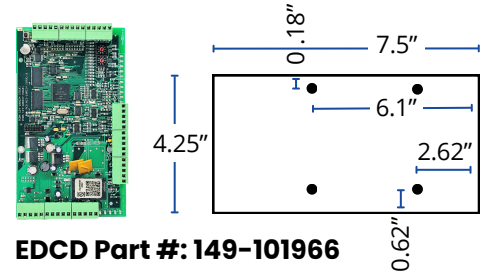


## APPLICATION

- The EDCC 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 2000 transactions into memory.

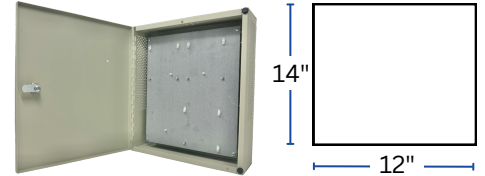
## FEATURES

- Supports Wiegand Card Reader protocols, configurable from 0-256, Magstripe formats of ABA/ISO Track 2 with configurable data bits; Clock, Data and Marlock.
- 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 Site Control Units (SCU or ESCU). Each SCU/ESCU can support up to 99 EDCDs.



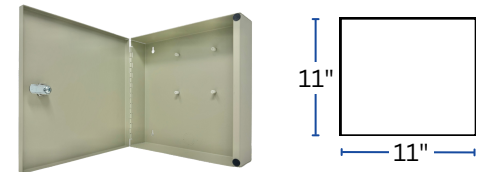
**EDCC Part #: 149-101966**

Single 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 EDCC stores data up to 60,000 cards.

### Transaction History Buffer

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

### EDCC Communications

- Twisted pair, multi-drop, RS-485 polling scheme 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 EDCC includes 2 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