The DCD (Door Control Device) is designed to control a single access point. This device can accept inputs from most reader technology, analog alarm devices, and analog inputs from request to exit devices. In the event of a computer or communications failure, it will still operate and log history transactions into the memory buffer.

Supports Wiegand Card Reader protocols, configurable from 0-50 bits; Magstripe technologies ABA/ISO Track 2 with configurable data bits; Clock and Data, and Marlok optical key protocol.


Up to 100,000 DCD’s can be connected over 1000 SCU’s (Site Control Units).

### APPLICATION
- Supports Wiegand Card Reader protocols, configurable from 0-50 bits;
- Magstripe technologies ABA/ISO Track 2 with configurable data bits;
- Clock and Data, and Marlok optical key protocol.

### FEATURES
- Communications using various types of supervised wiring methods including: Daisy-Chaining, T-Tapping, Home Running, Star Configuration, and High Security Loop Back.
- Up to 100,000 DCD’s can be connected over 1000 SCU’s (Site Control Units).

### SPECIFICATIONS

**Power Requirements**
- 9-14 VDC, from our standard Power Supply. Current consumption is 50mA nominal, and 150 mA maximum.

**Circuit Protection**
- Input power is protected from reverse polarity, over voltage, and transient surges.

**DCD Device Communications**
- A twisted pair, multi-drop, RS-485 polling scheme is used to communicate from the DCD to the other Millennium Devices.

**Programmable Relays**
- Each DCD employs 2 programmable Single pole, Form C relays that are rated for 2 amps @ 24 VDC.

**All Events History Buffer**
- 200 all events history, stored in RAM memory with a minimum of 24 hours backup.

**Alarm Monitoring**
- The DCD has the capability to monitor up to 7 independent alarm inputs. 4 are supervised with 1K EOL resistors, and the other 3 are normally closed circuits. The circuit must have a break time of at least 500 ms for the alarm to trigger.

**Priority Event Buffer**
- 100 software selectable priority events (alarms, com fail, etc.). These events are stored on-board if the SCU is off-line with the host computer. They can be programmed to send signals back to the computer if they are activated.

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

**Cover Tamper**
- On-board integrated tamper switch.

**Dimensions**
- 4.24” x 7.35” @ < 1lb, 10.4 x 18.7cm @ < 0.4Kg

**Approvals and Listing**
- UL 294 pending

---

Copyright Millennium group Inc 2020.

[+1 866-455-5222]

[sales@mgiaccess.com]

[16 Tech Circle Natick, MA 01760]