



The RM-DCM-2 is a UL Listed door control module which includes an enclosure and an enhanced RM-4 Reader Module (RM-4E). The enclosure is designed to support up to two RM-4Es and choice of up to two I8 or R8 boards, providing a single enclosure for doors with IN and OUT readers. There is also space for an optional battery (12V, 4A) which will be recharged by the RM-4E battery charger circuit. Please note that the second RM-4E, the R8s and the I8s must be purchased separately.

The RM-4E creates the connectivity between a reader and the panel when third party card readers are used on a C·CURE® System. In addition, the RM-4E provides two supervised inputs and two SPDT Relays (no ARM-1s necessary). The RM-4E can be mounted in the RM-DCM-2 enclosure on either the door or the back panel. The LEDs and optional LCD display provide diagnostics to simplify the installation.

Key Features

- UL Listed
- Can be expanded by adding a second RM-4E to provide a single enclosure for IN/OUT readers
- Easy to service
- LEDs and optional LCD provide diagnostics to simplify installation

Configurations

Indicators:

LED on each relay
LED on the RS-485
LED for Power-on
LCD interface for standard LCD modules

Sounder

Reader Support:

Wiegand and Mag stripe

Switches & Jumpers:

16 position rotary switch for setting RM address
8 position DIP switch for feature selection:

- Magnetic/Wiegand
- Tamper bypass
- LED pattern
- RM bus termination

Selectable 5V, 12V or 24V power to the door

Specifications

Mechanical:

Dimensions (H x W x D): 14" x 12" x 3.5" (36cm x 31cm x 9cm)
Weight (with 4AH battery):..... 13 lbs.
Weight (without battery):..... 10 lbs.
Construction: 16 AWG metal wall mounted locking cabinet
with tamper switch on door

Environmental:

Operating Temperature: 32°F to 140°F without battery
32°F to 122°F with battery

Storage Temperature:

Operating and Storage with battery: 32°F to 122°F (with battery)

Power Requirements (without reader or lock):.....
.....+12 VDC +/- 5% or +24 VDC +/-10%, 280 mA max

Relay Power Control:up to 30 VAC/DC, 8A maximum

Reader LED Output Controls:4.0 volts to 5.25 volts, 20mA max

Reader Output Voltage:5 VDC +/- 10% or 12 VDC +/- 10%

Reader Output Max Current:350mA (at 5V or 12V)

Options:

Battery
LCD Display

Regulatory

FCC Part 15 class A
UL294
UL1076
CE
EN50081-1
EN50130-4

Mounting Specifications

