



Shown with optional I8 input module, R8 output module, and battery

RM-DCM-2

Door Control Module with Enclosure

Features That Make a Difference:

- Full-featured local door control module lowers wiring costs
- Complete set of inputs and outputs to control one door
- Flexible control options for reader LEDs and beep patterns
- Easily expandable
- Additional internal etch connections support magnetic lock features and accommodate local bypass switch
- Optional LCD provides clear instructions that help simplify startup and diagnostics
- Status LEDs on inputs and outputs for quick troubleshooting
- Built-in tamper switch provides secure installation
- Plug-in screw terminals reduce installation time

Put a full-featured RM-4E door control module in a UL listed, tamper-protected enclosure and you have the powerful Software House® RM-DCM-2. RM-DCM-2 is designed to support up to two RM-4Es and a choice of up to two I8 input boards or R8 output boards, providing a single enclosure for doors with IN and OUT readers.

RM-DCM-2 supports both Wiegand and magnetic stripe readers and provides additional wiring to magnetic locks if required.

The RM-4E modules create the connectivity between a reader and a control panel when third party card readers are used on a C•CURE® system. In addition, the RM-4E modules provide two supervised inputs and two SPDT relays (no ARM-1s are necessary). The LEDs and optional LCD display provide diagnostics to simplify the installation.

RM-DCM-2 provides standby power with its built-in uninterruptible power supply (UPS).

With its robust feature set, RM-DCM-2 is designed to handle the most demanding access control applications with ease while offering numerous installation and service features that lower its life cycle cost.

Physical

Enclosure Dimensions (H x W x D)	.356 x 305 x 89 mm (14 x 12 x 3.5 in)
RM-4E Board-Only Dimensions (H x W)	.136 x 181 mm (5.375 x 7.125 in)
Weight (with 4Ah battery)	.5.9 kg (11 lbs)
Weight (without battery)	.4.5 kg (8 lbs)
Construction	.20 AWG metal wall mounted locking cabinet with tamper switch on door

Environmental

Operating and Storage Temperature	.0 ° to 50°C (32° to 122°F) 5 to 95% RH, non-condensing
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Electrical

Power Requirements without Reader or Relays	.+12 VDC +/- 5% or +24 VDC +/-10%, 280 mA max
Power Requirements, Maximum, with Reader and Relays	.+12 VDC +/- 5% or +24 VDC +/-10%, 550 mA max
Output Relay Power Ratings	.Up to 30 VAC/DC, 5A maximum
Reader LED Output Controls	.4.0 volts to 5.25 volts, 20mA max
Power Available for Reader	.5 VDC +/- 10% or 12 VDC +/- 10%, 125mA max (at 5V or 12V)
Optional Battery	.12V/4Ah battery provides nominal 4 hours backup time

Regulatory

UL 294
CE, including EN50081-1, EN50130-4, EN50133
FCC Part 15 Class A
RoHS

Communications

Communications Bus	.RM bus from iSTAR controller or apC/8X panel
Communications Type	.RS-485 half duplex, two-wire
Maximum Distance	.1,219 m (4,000 ft)

Reader, Inputs & Outputs

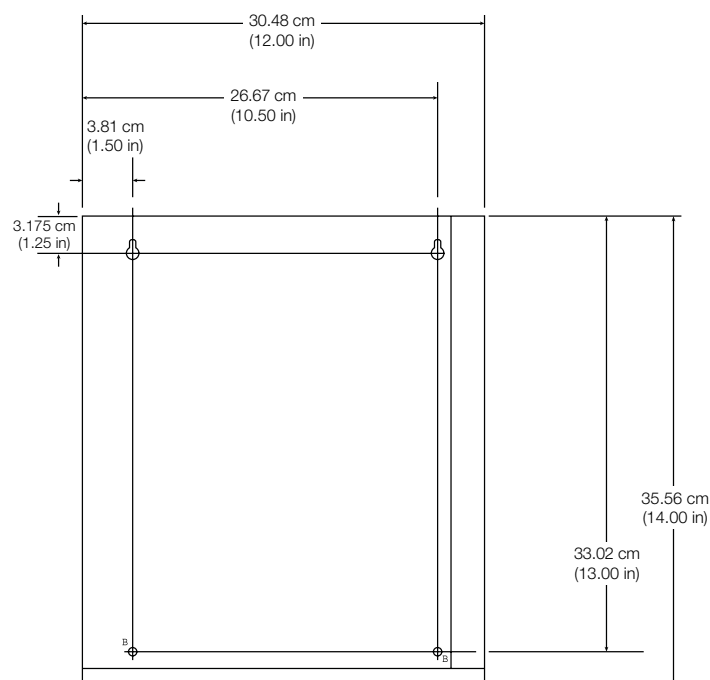
Reader Ports	.One
Reader Support	.Wiegand or magnetic stripe
Reader Control Lines Available	.Red LED, green LED, yellow LED, beeper
Keypad Support	.Terminals provided for external 3x4 matrix keypad
Supervised Inputs	.Two, double-resistor
Output Relays	.Two, Form C, dry contact
Tamper Input	.One

Indicators and Switches

Three status LEDs for each supervised input
LED on each relay output
LEDs for RS-485 transmit and receive
LED for power-on
Optional LCD for diagnostics
Eight position dipswitch for feature selection:

- Wiegand/magnetic stripe reader type
- Tamper bypass
- LED pattern
- RM bus termination
- Input LED disable

Mounting Specifications



Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

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