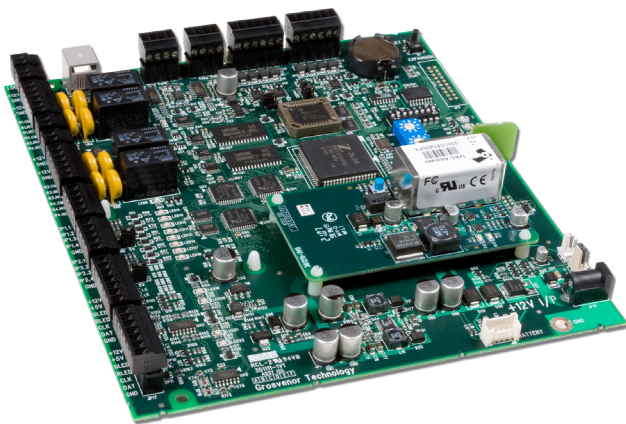




CUSTOM

Workforce Management Tools

CUSTOM RS07 Access Control Board



Overview

The CUSTOM RS07 access control board provides local connection for card readers and other associated door elements. As OEM hardware the CUSTOM RS07 is ideal for developers to integrate into their own access control system with the board being mounted into Grosvenor Technology's purpose made enclosure/PSU or any panel of your choosing.

Interchangeable communication modules offer serial and TCP/IP connectivity with a range of power options being available including DC over CAT5 and Power Over Ethernet. Different reader types are on-board switch selectable and offer barcode, magnetic stripe, proximity, biometric and smartcard technologies.

The CUSTOM RS07 utilises the same communications protocol as the CUSTOM RS21 and CUSTOM RS09 Series data collection terminals, presenting opportunities for integration of access control, shop floor data collection and time & attendance management.

CUSTOM RS07 boards can operate in different modes; stand alone making access decisions based upon a pre-loaded dataset or in a networked environment by referring access attempts to a host application or system. Both modes can be supported at the same time where the controller can make local decisions if the host application is not available.

- Compatible with all RS Series Clocks/Terminals
- 2 x Reader Ports
- 4 x Output Relays
- 8 x Status Inputs
- Serial or IP Connectivity
- Many Reader Technologies Supported
- Non-Volatile Personality Module
- Status LED's



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CUSTOM RS07 Access Control Board

CUSTOM RS07 Board Only

IDC-RS07 - Intelligent Door Controller RS07

Optional Enclosure & PSU

ENC-20-PSU-230V - Steel enclosure including 2.5A PSU, tamper and battery compartment

Communication Modules

CM-ENET-NPO-RS - Ethernet module (no power options)

CM-ENET-NPE-RS - Ethernet (DC over CAT5)

CM-ENET-POE-RS - Ethernet (Power over Ethernet)

CM-485-RS - RS232/RS485 comms module

CM-ENET-485-RS - Ethernet + RS485 comms module

CM-MDM-RS - Internal modem comms module

Ancillary Equipment

AE-DCCAT5-PSU-RS - DC over CAT5 adaptor inc. PSU

AE-INJ-POE-PHI01 - POE injector c/w integral PSU

Expansion Modules

EM-BB-IT/RS - Battery backup expansion module. Equivalent capacity at 12V is 600mAh

EM-PSU-IT/RS - Internal PSU expansion module. Input - 100-240Vac 100mA. Output - 12Vdc 1A

External Reader Capabilities

Barcode
Wiegand
Magnetic Stripe
Mifare Smartcard
Suprema Biometric Identify
Suprema Biometric Verify

Reader Configuration

2 readers on 1 door or 1 reader on 2 doors

Reader Power Available

5Vdc or 12Vdc

Relay Outputs

4 x Relay outputs for door lock or general use (3A, 30V Max)

Auxiliary Inputs

Pull-up to 5V or pull down to ground (link selectable)

Personality Module Connector

Non-volatile memory device stores local configuration and is interchangeable should the RS07 need to be replaced

Dimensions

IDC-RS07 Board (with comms module fitted)
96 x 80 x 33mm (W x H x D)

ENC-20-PSU-240V enclosure
194 x 310 x 100mm (W x H x D)

Weight

IDC-RS07 (with comms module fitted) - 312gs

IDC-RS07 + ENC-20-PSU - 5.2Kgs

Power Requirement

300mA at 12Vdc

Environmental

Temperature 0 - 50 degrees C

Humidity 20 - 90% non condensing