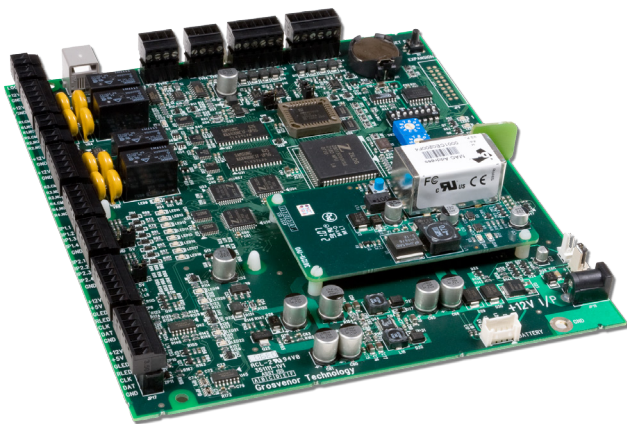




# CUSTOM

## 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

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#### **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