



CUSTOM

Workforce Management Tools

CUSTOM RS09 WFM Clock/Terminal



- 2 x 20 Character Display
- Compact Size
- Quick Change Wall Mounting Plate
- 512K Battery Supported Storage
- Power Over Ethernet Options
- Hard & Soft Function Keys
- Interchangeable 'Smart' Components

Overview

The CUSTOM RS09 is a direct replacement for the original 900 Series and features a robust and compact unit for a host of data entry and data collection applications.

A 2 x 20 character display, hard and soft function keys and a wide range of reader types including swipe, proximity and biometric make the RS09 first choice for a flexible and cost effective terminal for use in retail and industrial time and attendance solutions.

The CUSTOM RS09 consists of four essential items:-

- Front Panel (including Back Panel)
- Communications Module
- Reader Module
- Power Supply

Flexibility and diversity with auxiliary plug-in modules are key to the RS09 and include communication options such as RS232, RS485 and TCP/IP, ancillary equipment such as input and output ports, barcode wands and scanners, and a wide range of internal / external PSU solutions including DC over CAT5, power over ethernet and battery back-up.



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FP-RS09-LG-NSLT - RS09 Panel - light grey no slot

FP-RS09-LG-WSLT - RS09 Panel - light grey c/w slot

Dimensions

W97 x H160 x D74mm

Weight

1Kg, standard wall mount unit

Communication Modules

CM-485-RS - RS232/RS485 comms module

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

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

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

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

CM-MDM-RS - Internal modem comms module

Internal Reader Modules

RM-BAR-RS09 - Barcode Reader Module

RM-FEIG-FC-RS09 - Feig (FC) Reader Module

RM-FEIG-HI-RS09 - Feig (Hitag) Reader Module

RM-HID-RS09 - HID 125KHz Reader Module

RM-ICLASS-RS09 - HID 13.56MHz Rdr Module

RM-MAG-RS09 - Mag-Stripe Reader Module

RM-MIF-RS09 - Mifare Reader Module

RM-SP-4750-RS09 - Suprema Biometric Reader
(4750 Template Capacity)

Expansion Modules

EM-IO-ER-RS09 - I/O board external reader

EM-IO-RS09 - I/O board expansion module

EM-LS-RS09 - Loud sounder option

Ancillary Equipment

AE-DCCAT5-PSU-RS - DC Over CAT5 adaptor

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

AE-PSU-BB-12VDC - 12V DC battery backed PSU

AE-PSU-IL-12V15W - 12V in-line PSU 15W

AE-PSU-PT-12VDC - 12V plugtop universal PSU

AE-PSU-WM-12VDC - 12V DC wall mount PSU

DC Power

Local Power - 12Vdc 2.1mm power jack

Remote Power - 14-28Vdc

Power Loading - 120mA @ 12Vdc

(unit only - not including additional modules)

Power Loading Calculations

Each module or device has a 'Power Load' rating that relates to how it will impact upon the 12V supply current when active. The following example shows the power requirements for a RS09 Terminal with an Ethernet PoE module and a proximity reader.

PoE Power Source	+750mA
CM-ENET-POE-RS power loading	-115mA
FP-RS09 front panel power loading	-120mA
RM-HID-RS09 reader module	-15mA
Spare Capacity =	<u>500mA</u>

Time Accuracy

± 10 seconds per month

Environmental

Temperature 0-50 Degrees C

Humidity 20-90% Non-Condensing

Dust and Water Protection IP30