

FieldServer Data Sheet - QuickServer FS-QS-2X10-F

Rev. 1.A



Overview

The QuickServer is a high performance, fully configurable, cost effective Building and Industrial Automation gateway for integrators to easily interface devices to networks in commercial buildings and industrial plants.

System integrators world-wide have benefitted from the value of the powerful line of interoperability gateways offered by FieldServer. Now, QuickServer adds to that value by running the same robust FieldServer protocol conversion software on a highly cost effective platform backed by the experience, engineering expertise and proven technical support that integrators have come to expect from FieldServer.

The QuickServer FS-QS-2X10-F series is available at four different point capacities. Each QuickServer is preloaded with 140 different drivers, such as Modbus, BACnet, SNMP, EtherNet/IP and many more. See page 3 for the complete list.

The FS-QS-2010-F can support up to 250 points. The FS-QS-2210-F can support up to 500 points. The FS-QS-2310-F can support up to 3,000 points. The FS-QS-2410-F can support up to 5,000 points.

Every QuickServer includes browser-based tools to make it easy to set-up QuickServer and perform diagnostics including determination of status, network settings, node information, map descriptors and more. The USB flash drive also includes the Discovery utility to determine what FieldServers are on a network.

QuickServer Features and Benefits

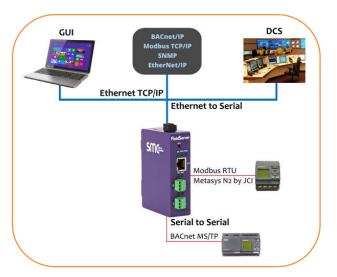
- Interface 250 5,000 data points.
- DIN rail mount standard.
- BACnet COV support for fast data communication while reducing the traffic over a BACnet network.
- SMC Cloud registration connects your devices to the cloud, allowing secure remote access for diagnostics, monitoring and firmware updates.
- On-board diagnostics allow easy troubleshooting for both serial and Ethernet communications.

FieldServer Offers

- Largest protocol driver library in the industry, providing the solution to your integration needs.
- Over 20 years of experience in design and manufacture of building automation gateways with thousands of installations, over 700 translation paths using over 100 protocol drivers.
- Trusted, proven technical support before and after shipment.
- SMC partners with BAS and Fire Alarm Panel manufacturers and trade associations to ensure that the drivers and hardware meet your highest industry expectations.

Accessories

• Optional Accessory Kit includes AC power supply, Ethernet cable, mini-screwdriver and a USB flash drive with all data sheets, manuals, notes, the discovery tool and more.



Field Connections											
		Interface Connections									
		RS-2321	RS-485 ²	RS-422 ³	KNX ⁶	RS-485	M-Bus	Ethernet ⁴	LonWorks ⁵		
QuickServer	FS-QS-2X10	1	2					1			
	FS-QS-1X11		1					1	1		
	FS-QS-1221	1						1	1		
	FS-QS-1230		1	1				1			
	FS-QS-1231			1				1	1		
	FS-QS-1240		1		1			1			
	FS-QS-1241				1			1	1		
	FS-QS-1X50					1	1	1			
	FS-QS-1X51						1	1	1		

1 TX/Rx/GND

2 +/-/Frame Ground

³ See Manual

4 10/100 Base T

⁵ FTT10

⁶ KNX/EIB TP1

Hardware Specifications *

Communication

Serial (Galvanic Isolation):

1 x RS-485/RS-232 & 1 x RS-485 Baud: 9600, 19200, 34800, 57600, 76800

Ethernet

10/100BaseT MDIX

DHCP Environment

Operating Temperature: -20 to 70°C (-4 to 158°F) Relative Humidity: 10-95% RH non-condensing

Web configuration On-board diagnostics DIN rail mount included

Construction

Dimensions (HxWxD)

4 x 1.1 x 2.7 in (10.16 x 2.8 x 6.8cm)

Weight: 0.4 lbs (0.2 Kg) **Power Requirements** Input: 24VAC 0.125A

12-24VDC 0.25A @12 VDC

Max Power: 3W

Approvals

CE

FCC class B & C part 15

UL 60950 IC Canada

RoHS and WEEE compliant













^{*} Specifications subject to change without notice

Ordering Information

FS-QS-2010-F: 250 data points FS-QS-2210-F: 500 data points FS-QS-2310-F: 3,000 data points FS-QS-2410-F: 5,000 data points

Options

The Accessory Kit consists of a power supply, Ethernet cable, screwdriver and a USB flash drive that includes all manuals, data sheets, notes and the discovery tool.

FS-8915-38-QS Accessory Kit, 110/220V

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