

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-2XX0-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.

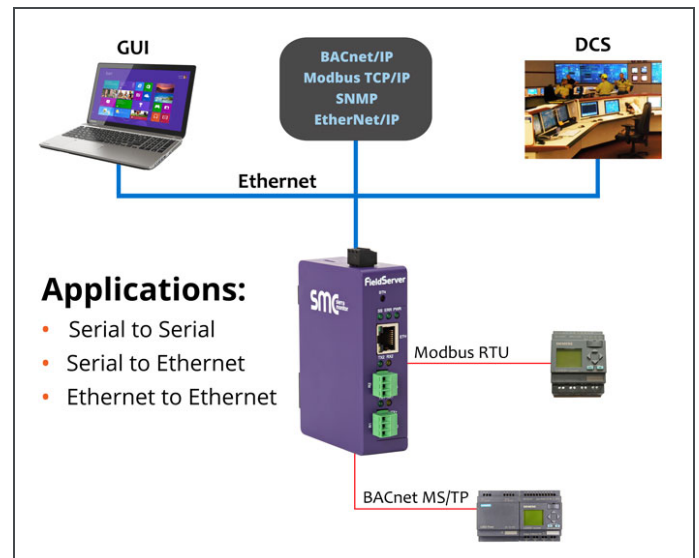
The FS-QS-20X0-F can support up to 250 points. The FS-QS-22X0-F can support up to 500 points. The FS-QS-23X0-F can support up to 3,000 points. The FS-QS-24X0-F can support up to 5,000 points.

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 device points (see Specifications).
- 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.
- **FieldSafe** adds a wealth of security options, including: web configuration page authentication (self-signed certificates), robust user and password management features.



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.
- MSA Safety 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-232 ¹	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, 38400, 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

Other

Web configuration

On-board diagnostics

DIN rail mount included

Construction

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; 9-30VDC 0.25A @12 VDC

Max Power: 3W

Approvals

CE and FCC Class B & C Part 15

BTL Marked

UL 60950-1 and CAN/CSA C22.2

IC Canada & KC Certification

RoHS3 and WEEE compliant



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
- FS-QS-2020-F: 250 data points
- FS-QS-2220-F: 500 data points
- FS-QS-2320-F: 3,000 data points
- FS-QS-2420-F: 5,000 data points

Options

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

FS-8915-38-QS

Accessory Kit, 110/220V

Contact MSA sales for an easy proof of concept evaluation: SMC-insidesales@msasafety.com.

MSA Safety

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Life Safety	Industrial Automation	Building Automation	Cloud	Other
Serial Drivers <ul style="list-style-type: none"> • ATMI ACM • ATMI TGM • EST3 Quickstart (UTC Security) • EST3 ECP (UTC Security) • Fike Cheetah ISCAN • Firecom • Gamewell - FCI (7100, 7200, E3) • Hochiki FireNet • Hochiki FireNet Plus • Honeywell Analytics System 16 & CM4 • Honeywell Analytics IR-148 Infracox • Mircom FX2000 • Notifier 1010/2020 • Notifier AFP 200/300/400 • Notifier INA • Notifier Italia AM6000 • Notifier CEI-ABI • Notifier NCA • Notifier NCA 2 • Notifier NFS-320 • Notifier NFS-3030 • Notifier NFS2-640 • Notifier Onyx NFS-640 • Secutron Model R • Siemens Fire Safety MXL/XLS/FSI • Silent Knight • Simplex Grinnell 4100 • Simplex Grinnell TFX Minerva • VESDA 	Serial Drivers <ul style="list-style-type: none"> • Allen Bradley DF1 • B&B Electronics SDD16 • Caterpillar M5X • GE MarkIV Speedtronic • GE-SNP • GE MarkIV Speedtronic • Gardner Denver • J-Bus • Modbus ASCII • Modbus RTU • Modbus Daniels • Modbus TekAir • Modbus Omniflow • Pneumatic Products ADC • RussElectric Model 2000 • Setra Digital Pressure Gage Ethernet Drivers <ul style="list-style-type: none"> • Allen Bradley CSP (TCP/IP) • EtherNet/IP • GE-EGD • GE-SRTP • Modbus TCP/IP • Omron FINS 	Serial Drivers <ul style="list-style-type: none"> • AO Smith (AINP & PDNP) • BACnet PTP • BACnet MS/TP • Carrier (DataLink and DataPort) • Caterpillar M5X • Cleaver Brooks (CB-Link) • Gardner Denver • Lutron Machine • McQuay Microtech Open • Metasys™ N2 by JCI • Modbus ASCII • Modbus RTU • Modbus Daniels • Modbus TekAir • Modbus Omniflow • RussElectric Model 2000 • Stulz • VeederRoot • VESDA Ethernet Drivers <ul style="list-style-type: none"> • BACnet Ethernet • BACnet/IP • Cisco Energywise Endpoint • Cisco Energywise Management API • Convia • C-Cure • Modbus TCP/IP • Point Six Wireless • Schneider Electric Cassia 	<ul style="list-style-type: none"> • XML Over HTTP • MQTT 	Utility <ul style="list-style-type: none"> • DNP3 Serial • DNP3 Ethernet • TL1 Rail switching <ul style="list-style-type: none"> • Hanning & Kahl HCS-R • Genisys Data Centers <ul style="list-style-type: none"> • SNMP Ver 2C

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