

Overview

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.

QuickServer is available in two series. The FS-QS-10XX Series is preloaded with two BAS drivers (serial, Ethernet and/or LonWorks) from a choice of Modbus RTU, Modbus TCP/IP, BACnet/IP®, BACnet MS/TP, LonWorks®, JCI Metasys® N2 and SNMP. Each QuickServer can handle up to 250 points.

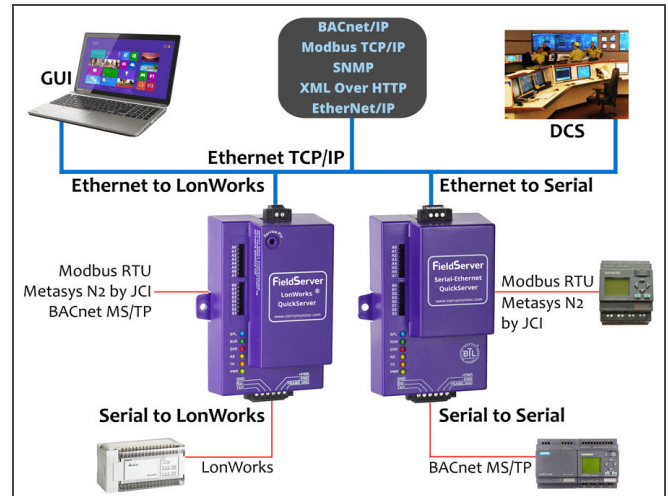
The FS-QS-12XX Series QuickServer is available to use any Serial, Ethernet or LonWorks driver in the extensive FieldServer driver library. The FS-QS-12XX Series can handle up to 500 points and is available with a choice of RS-485, RS-232 or RS 422 serial ports, KNX or M-Bus, in addition to Ethernet and LonWorks (optional). The FS-QS-13XX and FS-QS-14XX have the same port options but the 13XX can support up to 3,000 points while the 14XX can support up to 5,000.

Each 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).
- Multi-configuration capability; configurations selectable via DIP switches or software.
- Flat panel mount standard, DIN rail mount option.
- DIP switches select baud rate or node ID on the fly.
- Supports OEM proprietary protocols to BMS.
- BACnet COV support for fast data communication while reducing the traffic over a BACnet network.
- Grid registration connects your devices to the cloud, allowing secure remote access for diagnostics, monitoring, alarming and configuration.
- 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 10 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.
- FieldServer 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, DIN mounting bracket assembly, 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-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

Power Requirements

9-30 VDC or 12-24 VAC

(RS-422 = 15-30 VDC or 12-24 VAC) (M-Bus = 12-24VDC)

Current Draw: FS-QS-12X0: @ 12V = 240 mA

FS-QS-1X11, FS-QS-12X1: @ 12V = 250 mA

FS-QS-1230: @ 15V = 200 mA

FS-QS-1231: @ 15V = 210 mA

M-Bus: Slave:550 mA @ 12V

Master (1 Slave): 580 mA @ 12V

Master (64 Slave): 980 mA @ 12V

Environment

Operating Temperature: -40 to 75°C (-40 to 167°F)

Relative Humidity: 10-90% RH non-condensing

Capacity

FS-QS-11XX: 250 points FS-QS-13XX: 3000 points

FS-QS-12XX: 500 points FS-QS-14XX: 5000 points

Physical Dimensions

H x W x D: 4.5 x 2.9 x 1.6 in. (11.5 x 7.4 x 4.1 cm)

Weight: 0.4 lbs (0.2 Kg)

Other

Configuration/Diagnostic utilities

Table, Wall or DIN rail mount

Communication

Baud: 4800, 9600, 19200, 38400, 57600, 115200

Start Bit: 7, 8 **Stop Bit:** 1,2 **Parity:** Even, Odd, None

LonMark Certification (FS-QS-1XX1-XXX)

SPID: 80:00:95:46:00:84:04:01

Profiles: 0000 – Node object (1)

0001 – Open Loop Sensor Object (5)

0003 – Open Loop Actuator Object (5)

Ethernet: 10/100 Base T

Serial Port Isolation

- 1500v galvanic isolation

Approvals

CE and FCC Class B & C Part 15

BACnet marked and UKCA compliant

LonMark certified (FS-QS-1011 and FS-QS-12X1)

UL 916 and CAN/CSA C22.2

RoHS3 and WEEE compliant

GOST-R certified

IC Canada & KC certification



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-8915-36-QS

Accessory Kit, 110/220V

Warning: This equipment is compliant with Class A of CISPR 32. In a residential environment, this equipment may cause radio interference

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MSA Safety

1991 Tarob Court, Milpitas, California 95035 USA

O. +1 408 262-6611 TF. +1 800 727-4377 E. SMC-insidesales@msasafety.com

www.MSAsafety.com