



QuickServer Gateway

*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 Technologies. 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, 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).

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 Key Features:

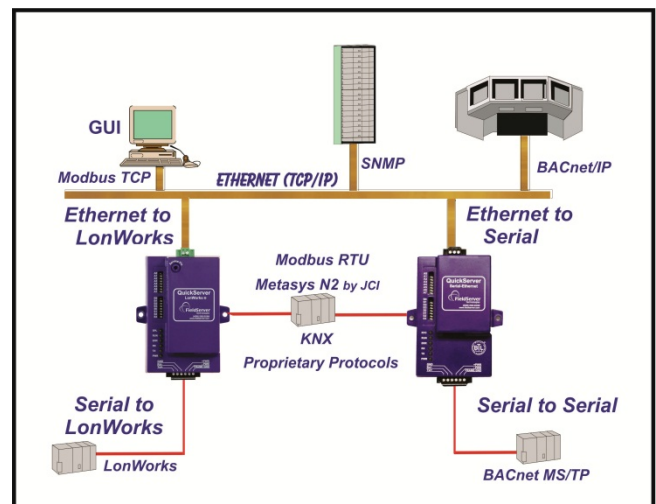
- Ability to interface up to 250 points (500 points on the FS-QS-12XX)
- Multi-configuration capability; specific configurations selectable via DIP switches or software
- Flat panel mount standard, DIN rail mount option
- DIP switches to select baud rate or node ID on the fly
- BACnet COV support for fast data communication while reducing the traffic over a BACnet network

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 installation, over 700 translation paths using over 100 protocol drivers
- Trusted, proven technical support before and after shipment
- FieldServer Technologies 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, ENotes, Discovery tool and more.



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Metasys® is a trademark of Johnson Controls

BACnet® is a trademark of ASHRAE
KNX is a trademark of KNX Association

QuickServer

Specifications: Field Connections

		Interface Connections						
		RS-232 ¹	RS-485 ²	RS-422 ³	KNX ⁶	RS-485	M-Bus	Ethernet ⁴
QuickServer	FS-QS-1010		2				1	
	FS-QS-1011		1				1	1
	FS-QS-1210		2				1	
	FS-QS-1211		1				1	1
	FS-QS-1220	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 TX/Rx/GND ² +/-/Frame Ground ³ See Manual ⁴ 10/100 Base T ⁵ FTT10 ⁶ KNX/EIB TP1

Environment

- Operating temperature: -40 to 75°C (-40 to 167°F)
- Relative humidity: 5-90% RH non-condensing

Power Requirements

- 9-30VDC or 12-24VAC (RS-422 = 15-30VDC or 12-24VAC)
- Current draw @ 12V
 - FS-QS-1010, FS-QS-12X0: 240 mA**
 - FS-QS-1011, FS-QS-12X1: 250 mA**
 - FS-QS-1230: 200 mA @ 15V**
 - FS-QS-1231: 210 mA @ 15V**
- M-Bus
 - Slave: 550 mA @ 12V**
 - Master (1 Slave): 580 mA @ 12V**
 - Master (64 Slave): 980 mA @ 12V**

Physical Dimensions (HxWxD)

- 4.5 x 2.9 x 1.6 in. (11.5 x 7.4 x 4.1 cm)
- 0.4 lbs (0.2 Kg)

Other

- Configuration/Diagnostic utilities
- Capacity: 250 points FS-QS-11XX(500 points FS-QS-12XX)
- 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

Approvals

- TUV approved to UL 916, EN 60950-1, EN 50491-3 and CSA C22.2 standards
- BTL Mark
- LonMark Certified (FS-QS-1011 and FS-QS-12X1)
- RoHS Compliant
- GOST-R Certified
- CE and FCC

LonMark Certification on the QuickServer 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)



Ordering Information

QuickServer is available in multiple driver configurations. Check the website (www.fieldserver.com/QuickServer/) for specific part numbers.

Model	- QuickServer	- Model	- R2 Port*	- R1 Port	- Protocols
FS-QS	- 1 = QuickServer	- 0 = BAS - 2 = Enhanced - A = M-Bus 16 device - B = M-Bus 32 device - C = M-Bus 64 device	- 1 = RS-485 - 2 = RS-232 - 3 = RS-422 - 4 = KNX - 5 = M-Bus	- 0 = RS-485 - 1 = LonWorks	- 4 digit protocol code

* RS-232/RS-422 / KNX/M-Bus FS-QS-12XX only

Options

FS-8915-36-QS Accessory Kit, 110/220V

The Accessory Kit consists of a temporary power supply, Ethernet cable, Screwdriver, DIN Rail Mount, and USB flash drive of all manuals, data sheets, Discovery tool and ENotes.

11/2013