

A Sierra Monitor Company

## 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 in addition to Ethernet and LonWorks (optional).

QuickServer is ready to configure for a specific application. All necessary instructions and software are included with QuickServer. If the user prefers the unit to be pre-configured prior to delivery, FieldServer offers a custom configuration service.



### QuickServer Key Features:

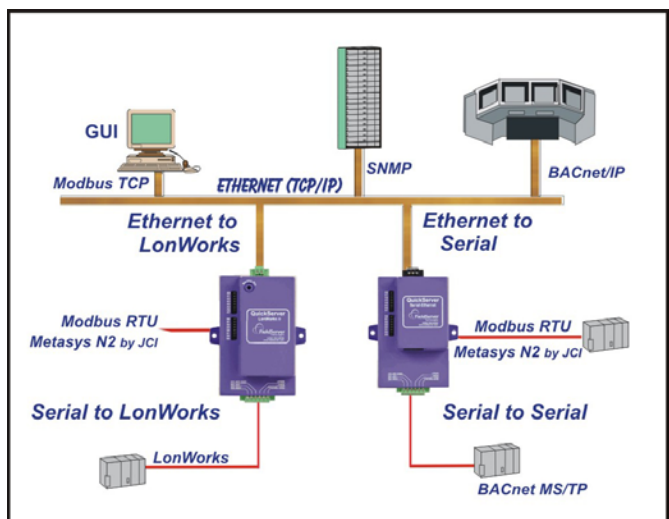
- ◆ Ability to interface up to 250 points (500 points on the FS-QS-12XX)
- ◆ Multi-configuration capability; specific configurations selectable via DIP switches or software
- ◆ Flat panel mount standard, DIN rail mount option
- ◆ DIP switches to select baud rate or node ID on the fly
- ◆ BACnet COV support 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 and more.



LonWorks® is a trademark of Echelon Corporation  
 Metasys® is a trademark of Johnson Controls  
 BACnet® is a trademark of ASHRAE

# QuickServer

## Specifications

### Field Connections

- **FS-QS-1010-XXXX**
  - ◆ Ethernet 10/100 RJ45
  - ◆ Two Serial RS-485 terminal (up to 115K baud)
- **FS-QS-1011-XXXX**
  - ◆ Ethernet 10/100 RJ45
  - ◆ Serial RS-485 terminal (up to 115K baud)
  - ◆ FTT-10 LonWorks port
- **FS-QS-12X0-XXXX**
  - ◆ Ethernet 10/100 RJ45
  - ◆ Serial RS-485 terminal (up to 115K baud)
  - ◆ Serial RS-485, RS-232, or RS-422 up to 115K baud)
- **FS-QS-12X1-XXXX**
  - ◆ Ethernet 10/100 RJ45
  - ◆ Serial RS-485 terminal (up to 115K baud)
  - ◆ FTT-10 LonWorks port

### Environment

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

### Power Requirements

- 9-30 VDC or 12-24 VAC
- Current draw @ 12V
  - ◆ FS-QS-1010, FS-QS-12X0: 150 mA
  - ◆ FS-QS-1011, FS-QS-12X1: 279 mA

### Other

- Configuration/Diagnostic utilities
- Capacity: 250 point (500 point) FS-QS-12XX
- Table, Wall or DIN rail mount

### Physical Dimensions (WxDxH)

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

### Approvals

- TUV approved to UL 916 standard
- CE Mark
- BTL Mark (FS-QS-1010 and FS-QS-12X0)
- LonMark Certified (FS-QS-1011 and FS-QS-12X1)
- RoHS Compliant
- FCC Part 15 Compliant

### LonMark Certification on the QuickServer FS-QS-1X11-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/](http://www.fieldserver.com/QuickServer/)) for specific part numbers.

Model	- QuickServer	- Model	- 2 <sup>nd</sup> Serial Port*	- LonWorks	- Protocols
FS-QS	1 = QuickServer	0 = BAS 2 = Enhanced	1 = RS-485 2 = RS-232 3 = RS-422**	0 = None 1 = LonWorks	4 digit protocol code

\* RS-232/RS-422 FS-QS-12XX only  
\*\* CE and FCC pending

## 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 and ENotes.

