## 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, 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.

*Serial/Ethernet*

*LonWorks*

## QuickServer Features and Benefits

- 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.
- **FieldPoP**™ connects to the cloud, allowing secure remote access for diagnostics, monitoring, alarming and configuration.



## 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 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.

| 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-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 | 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

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## Specifications *

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

### Power Requirements
9-30V DC or 12-24V AC
(RS-422 = 15-30V DC or 12-24V AC)
(M-Bus = 12-24V DC)
**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
**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)
**Input voltage:** 24 V DC nominal: 10-30V DC

### 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

### 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)
**Ethernet:** 10/100 BaseT

### 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**

*Specifications subject to change without notice

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**Ordering Information:** The following part number is essential in selection of the correct product. Please build up the desired part by inserting the code for each element into the appropriate space (ie. FS-QS-1A10-XXXX).

| Model | Series | Model | R2 Port ** | R1 Port | Protocols |
|---|---|---|---|---|---|
| **FS-QS** | **1** | | | | |

**Model**
- 0 = BAS
- 2 = Enhanced
- A = M-Bus 16 device
- B = M-Bus 32 device
- C = M-Bus 64 device

**R2 Port **
- 1 = RS-485
- 2 = RS-232
- 3 = RS-422
- 4 = KNX
- 5 = M-Bus

**R1 Port**
- 0 = RS-485
- 1 = LonWorks

**Protocols**
- 4 = digit protocol code

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

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### 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, Discovery tool, and E-Notes.

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