

## 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 benefited 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-3X10-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.

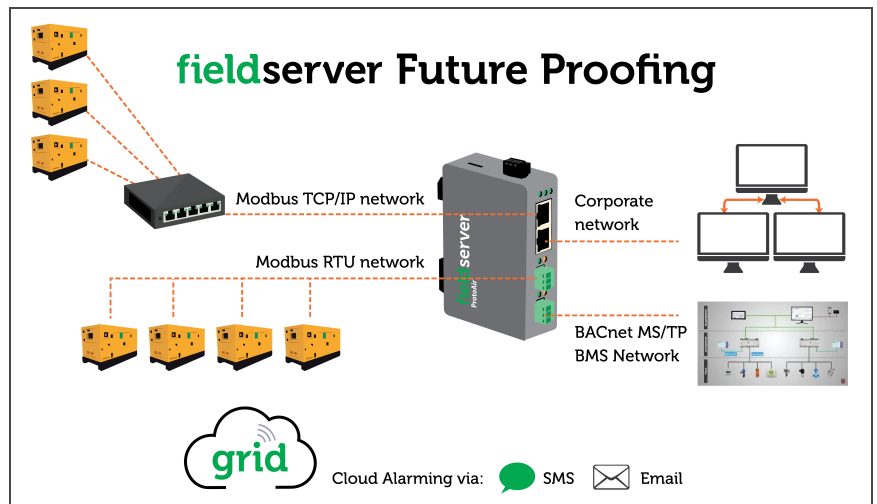
The FS-QS-3010-F can support up to 250 points. The FS-QS-3110-F can support up to 500 points. The FS-QS-3210-F can support up to 1,000 points. The FS-QS-3310-F can support up to 3,000 points. The FS-QS-3410-F can support up to 5,000 points. The FS-QS-3510-Fire can support up to 10,000 points.

With two Ethernet ports, the QuickServer allows data to move seamlessly across disparate subnets, using a dedicated port for cloud connectivity. This port isolation allows for enhanced LAN security from the BMS/WAN/cloud. An embedded OpenVPN Server enables secure remote access to Ethernet devices in the field.

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

- Multiple Connections: 2 Ethernet Ports, 1 RS-485/RS-232 Port, 1 RS-485 Port.
- Interface 250-10,000 device points (see Specifications).
- DIN rail mount standard.
- BACnet COV support for fast data communication while reducing the traffic over a BACnet network.
- **MSA Grid - FieldServer Manager** registration connects your devices to the cloud, allowing secure remote access for diagnostics, monitoring and firmware updates.
- With OpenVPN enabled, remotely connect to Ethernet devices in the field with local device Windows management/configuration programs to perform diagnostics, download new firmware and reprogram the device without going to the site. Connect to web servers located on remote segmented Ethernet devices.
- 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.



## 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.

## Hardware Specifications

### Communication

#### Serial (Galvanic Isolation):

1 x RS-485/RS-232 & 1 x RS-485

**Baud:** 9600, 19200, 38400, 57600, 76800, 115000

**Ethernet:** 2 x 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 Part 15 C

BTL marked and UKCA compliant

UL 62368-1 and CAN/CSA C22.2

RoHS3 and WEEE compliant

ODVA CONFORMANT



## Ordering Information

- FS-QS-3010-F: 250 data points
- FS-QS-3110-F: 500 data points
- FS-QS-3210-F: 1,000 data points
- FS-QS-3310-F: 3,000 data points
- FS-QS-3410-F: 5,000 data points
- FS-QS-3510-Fire: 10,000 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

## MSA Safety

1000 Cranberry Woods Drive, Cranberry Township, PA 16066 USA

O. +1 408 964-4443 TF. +1 800 727-4377 E. SMC-insidesales@msasafety.com

www.MSAafety.com

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

**MSA Safety**

1000 Cranberry Woods Drive, Cranberry Township, PA 16066 USA

**O.** +1 408 964-4443 **TF.** +1 800 727-4377 **E.** SMC-insidesales@msasafety.com

www.MSAsafety.com