QuickServer 3X10-F

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 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.

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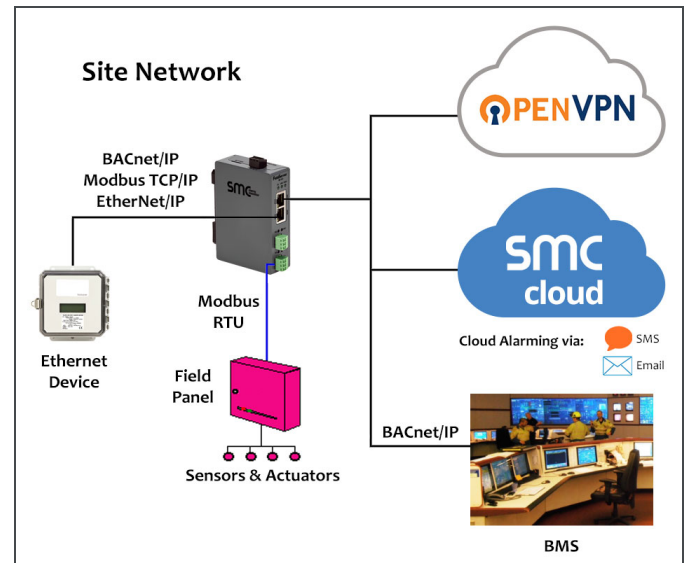
The FS-QS-3010-F can support up to 250 points. The FS-QS-3110-F can support up to 500 points. The FS-QS-3210-F can support up to 1,000 points. The FS-QS-3310-F can support up to 3,000 points. The FS-QS-3410-F can support up to 5,000 points. The FS-QS-3510-Fire can support up to 10,000 points.

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 Cloud 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 webservers 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 Class B & C Part 15
BTL Marked
UL 60950-1 and CAN/CSA C22.2
IC Canada & KC Certification
RoHS3 and WEEE compliant

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

Life Safety	Industrial Automation	Building Automation	Cloud	Other
Serial Drivers	**Serial Drivers**	**Serial Drivers**	• XML Over HTTP	**Utility**
• ATMI ACM	• Allen Bradley DF1	• AO Smith (AINP & PDNP)	• MQTT	• DNP3 Serial
• ATMI TGM	• B&B Electronics SDD16	• BACnet PTP		• DNP3 Ethernet
• EST3 Quickstart (UTC Security)	• Caterpillar M5X	• BACnet MS/TP		• TL1
• EST3 ECP (UTC Security)	• GE MarkIV Speedtronic	• Carrier (DataLink and DataPort)		**Rail switching**
• Fike Cheetah ISCAN	• GE-SNP	• Caterpillar M5X		• Hanning & Kahl HCS-R
• Firecom	• GE MarkIV Speedtronic	• Cleaver Brooks (CB-Link)		• Genisys
• Gamewell - FCI (7100, 7200, E3)	• Gardner Denver	• Gardner Denver		**Data Centers**
• Hochiki FireNet	• J-Bus	• Lutron Machine		• SNMP Ver 2C
• Hochiki FireNet Plus	• Modbus ASCII	• McQuay Microtech Open		
• Honeywell Analytics System 16 & CM4	• Modbus RTU	• MetasysTM N2 by JCI		
• Honeywell Analytics IR-148 Infratox	• Modbus Daniels	• Modbus ASCII		
• Mircom FX2000	• Modbus TekAir	• Modbus RTU		
• Notifier 1010/2020	• Modbus Omniflow	• Modbus Daniels		
• Notifier AFP 200/300/400	• Pneumatic Products ADC	• Modbus TekAir		
• Notifier INA	• RussElectric Model 2000	• Modbus Omniflow		
• Notifier Italia AM6000	• Setra Digital Pressure Gage	• RussElectric Model 2000		
• Notifier CEI-ABI	**Ethernet Drivers**	• Stulz		
• Notifier NCA	• Allen Bradley CSP (TCP/IP)	• VeederRoot		
• Notifier NCA 2	• EtherNet/IP	• VESDA		
• Notifier NFS-320	• GE-EGD	**Ethernet Drivers**		
• Notifier NFS-3030	• GE-SRTP	• BACnet Ethernet		
• Notifier NFS2-640	• Modbus TCP/IP	• BACnet/IP		
• Notifier Onyx NFS-640	• Omron FINS	• Cisco Energywise Endpoint		
• Secutron Model R		• Cisco Energywise Management API		
• Siemens Fire Safety MXL/XLS/FSI		• Convia		
• Silent Knight		• C-Cure		
• Simplex Grinnell 4100		• Modbus TCP/IP		
• Simplex Grinnell TFX Minerva		• Point Six Wireless		
• VESDA		• Schneider Electric Cassia		