QuickServer FS-QS-2X10

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-2XX0-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.
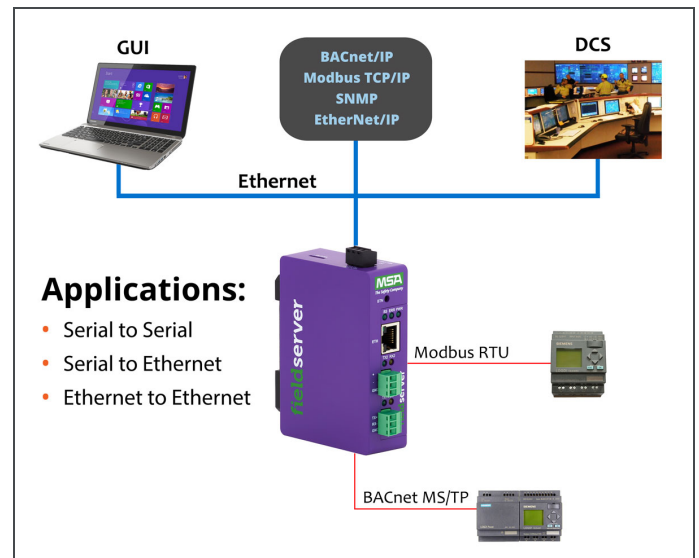
The FS-QS-20X0-F supports up to 250 points. The FS-QS-22X0-F supports up to 500 points. The FS-QS-21X0-F supports up to 1,000 points. The FS QS 23X0-F supports up to 3,000 points. The FS-QS-24X0-F supports up to 5,000 points.

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

- Interface 250-5,000 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.
- 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.

FieldServer Offers

- Largest protocol driver library in the industry, providing the solution to your integration needs.
- Over 20 years of experience in design and manufacture of building automation gateways with thousands of installations, over 700 translation paths using over 100 protocol drivers.
- Trusted, proven technical support before and after shipment.
- MSA Safety 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, Ethernet cable, mini-screwdriver and a USB flash drive with all data sheets, manuals, notes, the discovery tool and more.

QuickServer	Interface Connections					
	RS-232[1]	RS-485[2]	KNX[5]	M-Bus	Ethernet[3]	LonWorks[4]
FS-QS-2X10	1	2			1	
FS-QS-1X11		1			1	1
FS-QS-1221	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] 10/100 Base T   [4] FTT10   [5] KNX/EIB TP1

Hardware Specifications

Communication

Serial (Galvanic Isolation):
   1 x RS-485/RS-232 & 1 x RS-485
Baud: 9600, 19200, 38400, 57600, 76800
Ethernet: 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 B & C
BTL marked and KC certification
UL 60950-1 and CAN/CSA C22.2
DNP 3.0 and Modbus conformance tested
RoHS3, UKCA, and WEEE compliant

Ordering Information

- FS-QS-2010-F: 250 data points
- FS-QS-2210-F: 500 data points
- FS-QS-2110-F: 1,000 data points
- FS-QS-2310-F: 3,000 data points
- FS-QS-2410-F: 5,000 data points

- FS-QS-2020-F: 250 data points
- FS-QS-2220-F: 500 data points
- FS-QS-2120-F: 1,000 data points
- FS-QS-2320-F: 3,000 data points
- FS-QS-2420-F: 5,000 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)		• 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-SNP	• Carrier (DataLink and DataPort)		**Rail switching**
• Fike Cheetah ISCAN	• GE MarkIV Speedtronic	• Caterpillar M5X		• Hanning & Kahl HCS-R
• Firecom	• Gardner Denver	• Cleaver Brooks (CB-Link)		• Genisys
• Gamewell - FCI (7100, 7200, E3)	• J-Bus	• Gardner Denver		**Data Centers**
• Hochiki FireNet	• Modbus ASCII	• Lutron Machine		• SNMP Ver 2C
• Hochiki FireNet Plus	• Modbus RTU	• McQuay Microtech Open		
• Honeywell Analytics System 16 & CM4	• Modbus Daniels	• MetasysTM N2 by JCI		
• Honeywell Analytics IR-148 Infratox	• Modbus TekAir	• Modbus ASCII		
• Mircom FX2000	• Modbus Omniflow	• Modbus RTU		
• Notifier 1010/2020	• Pneumatic Products ADC	• Modbus Daniels		
• Notifier AFP 200/300/400	• RussElectric Model 2000	• Modbus TekAir		
• Notifier INA	• Setra Digital Pressure Gage	• Modbus Omniflow		
• Notifier Italia AM6000	**Ethernet Drivers**	• RussElectric Model 2000		
• Notifier CEI-ABI	• Allen Bradley CSP (TCP/IP)	• Stulz		
• Notifier NCA	• EtherNet/IP	• VeederRoot		
• Notifier NCA 2	• GE-EGD	• VESDA		
• Notifier NFS-320	• Modbus TCP/IP	**Ethernet Drivers**		
• Notifier NFS-3030	• Omron FINS	• BACnet Ethernet		
• Notifier NFS2-640		• BACnet/IP		
• Notifier Onyx NFS-640		• 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		