



FieldServer Technologies Offers QuickServer KNX Gateways and Converters with Over 100 Supported Protocols

September 19, 2013 — The QuickServer KNX Protocol Gateway from FieldServer Technologies enables data access from KNX networks to devices and networks using open and proprietary protocols such as BACnet, Modbus, LonWorks, Metasys N2 by JCI, EtherNet/IP SNMP and more. With over 100 protocols available in the extensive FieldServer Driver Library, no other device can provide KNX solutions to more products!

QuickServer is a galvanic-isolated translator device on KNX/TP installations with control and monitoring capabilities. All EIS data types are supported, allowing communication to any kind of KNX solution devices in the installation, such as temperature sensors, shutters, light switches, actuators, alarms etc.

KNX to BACnet Gateway

Cost effective and easy-to-use, FieldServer's QuickServer gateway interfaces KNX with BACnet. QuickServer can emulate BACnet as either a server or client, including BACnet support for fast data communication. This KNX device supports multiple BACnet data types. This KNX gateway can transfer data (Network Variables) in two ways: 1) by polling other devices at regular intervals; or 2) by sending Network Variable updates at regular intervals, when data has changed, or, in throttled mode, using maximum and minimum send time and change on delta parameters.

KNX to LonWorks Gateway

QuickServer is a proven, cost effective gateway interfacing KNX and LonWorks. It can be used with explicit and/or implicit addressing and can be bound to a maximum of 15 other LonWorks nodes. This KNX device can handle a maximum of 250 explicitly addressed nodes. LonWorks data transfer is via two basic functional blocks, Input and Output, allowing Float and Word SNVT data types.

KNX to Modbus Gateway

A QuickServer KNX Protocol gateway can act as a Modbus client or server, and follows the Modbus-IDA specifications. In order to meet the needs of all Modbus users, our KNX device uses three models: 1) Modicon_5digit, where addresses are defined in the 0xxxx, 3xxxx, or 4xxxx format with a maximum of 999 registers that can be mapped of each type; 2) ADU (Application Data Unit) address where addresses of each type are defined in the range of 1-65536; or 3) PDU (Protocol Data Unit) address where addresses of each type are defined in the range of 0-65535.

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The product versions include:

KNX Gateway: Allows Building Automation and Industrial Automation systems to access a KNX network using direct read and write of KNX configured groups. This setup does not require the use of ETS4 to configure the QuickServer KNX protocol gateway.

KNX Device Emulation: Allows third party devices to be recognized as KNX devices. This utilises the system mode offered by ETS4, to configure the QuickServer along with the rest of the devices in the KNX installation.

To ensure total satisfaction with these KNX solutions and all our products, FieldServer emphasizes comprehensive customer service and support. This commitment to the highest level of service extends beyond the sales cycle and throughout the product life cycle. For assistance, please reference our extensive technical support programmes, or contact us today with questions. FieldServer Technologies is a division of Sierra Monitor Corporation.