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Process Instrumentation

Siemens EtherNet/IP BACnet Wireless gateway

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Overview

Siemens EtherNet/IP (EIP) and BACnet, wireless gateway provides a cost effective interface to Building Communications Management Systems. The Siemens gateway enables users to more easily access their networked modbus devices where EIP or BACnet, connectivity is preferred. The Siemens EIP/BACnet wireless gateway improves remote site access for OEM modbus field devices.

Siemens field mount enclosures allow for mounting the EIP gateway close to the instruments and offer NEMA 4 type protection. Based upon locations and distribution of equipment Siemens Field mount enclosures may house multiple EIP gateways to offer cost savings.

The EIP/BACnet wireless gateway has the unique ability to act as a Wi-Fi access point. Users can directly connect their mobile device to the gateway without having to be on the facility's LAN or WAN to access the local applications.

Each gateway is delivered pre-configured, no additional programming or mapping is necessary. Users can view data via a configurable dashboard.



Backward and forward compatible with MAG 6000 and SITRANS ultrasonic clamp-on transmitters configured with Modbus.

EIP/BACnet Gateway Features and Benefits

- Multiple Connections:
 - Ethernet
 - RS-485
 - Wi-Fi
- Wi-Fi access point allows for direct connection from any mobile device without having to be on the facility's LAN or WAN to access the local applications
- BTL certified.
- On-board diagnostics allow easy troubleshooting for both serial and Ethernet communications.
- One gateway connects multiple serial and ethernet devices to field protocol networks (BACnet MS/TP, BACnet/IP, EtherNet/IP, and many others).

Hardware Specifications

Communication

Serial (Galvanic Isolation): 1 x RS-485, 2 x RS-485
Baud: 9600, 19200, 34800, 57600, 76800, 115000
Ethernet: 10/100BaseT, MDIX, DHCP

Environment

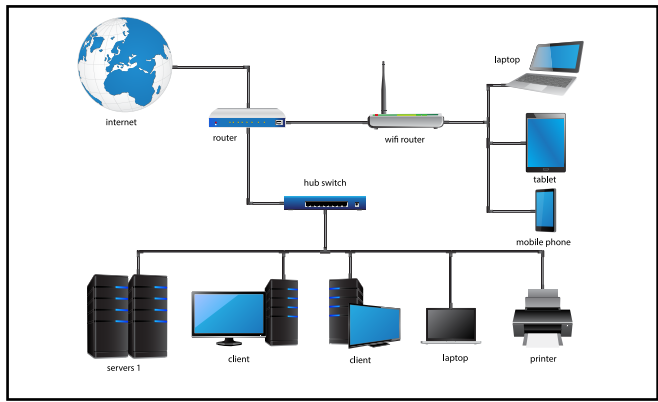
Operating Temperature: -4 to 158°F
Relative Humidity: 10-95% RH non-condensing

Other

On-board diagnostics
 DIN rail mount included

Outdoor Enclosure Specifications

NEMA 4 /vIP 66
 Carbon steel-dipcoat primed powder-coated on outside
 Dimensions
 9.84"x7.87"x5.91"



EIP/BACnet network

EIP/BACnet Module Construction

Dimensions (HxWxD)

4 x 1.1 x 2.7 inches

Weight: 0.4 lbs

Power Requirements

Input: 24 VAC 0.125A

9-30 VDC 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

RoHS and WEEE Compliant

Wi-Fi 802.11 b/g/n

Frequency: 2.4 GHz

Channels: 1 to 11 (inclusive)

Antenna Type: SMA

Encryption: TKIP, WPA & AES

Ordering Information

- A6X30151276 (Wi-Fi): two serial port model, includes Wi-Fi antenna

Model Numbers and Order Information:

Field Mount EIP Enclosure-includes 1 EIP

Gateway: P#-TGX:EY2ASEIP000001

Stand alone EIP Gateway:

A6X30151276

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 1-800-365-8766

Subject to change without prior notice

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