Overview
Siemens ethernet IP (EIP) wireless gateway provides a cost effective interface to Building Communications Management Systems. The Siemens gateway enables users to access a broader market by meeting specifications for EIP connectivity. The Siemens EIP wireless gateway dramatically improves time to market and remote site support for OEM field devices.

The EIP 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 for the customer specific requirements. No additional programming or mapping is necessary.
EIP Gateway Features and Benefits

• Multiple Connections:
  o Ethernet
  o RS-485 & RS-232
  o 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.

Hardware Specifications

Communication
Serial (Galvanic Isolation): RS-485/RS-232
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

Construction
Dimensions (HxWxD)
4 x 1.1 x 2.7 inches
Weight: 0.4 lbs

Power Requirements
FPA-X34: 12-24 VDC
Current draw @ 12V: 240 mA
FPA-W44: 12-24 VDC, 24 VAC
Current draw @ 12V: 240 mA

Approvals
CE and FCC Class B & C Part 15
TUV Approved to UL 60950
IC Canada
RoHS Compliant
PTCRB and CTIA

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
• FPA-W34 (Wi-Fi): one serial port model, includes Wi-Fi antenna
• FPA-W44 (Wi-Fi): two serial port model, includes Wi-Fi Antenna (availability Q1 2018)