

# E-Plex<sup>®</sup> Wireless Gateway/Router



Desktop Version  
Part Number #7542500001



Wall Mount Version  
Part Number #7542800001

An E-Plex Gateway/Router provides two-way communication from an E-Plex Lock or Stand-alone Controller to the system's central server or PC. A Gateway communicates to the server by either a direct connection to a USB (non-network) or Ethernet cable (network). A Router acts as a repeater, extending the radio frequency (RF) communication between the Gateway and E-Plex Locks.

## Features

- Kit available as wall mount or desktop unit
- Factory configured as a Router; software is used to reconfigure a unit as a Gateway
- Router acts as a repeater and only requires power for wireless operation
- No network drops needed for  $\leq 100$  locks using a Gateway in USB mode
- 100 locks per Gateway network/eight Routers per Gateway
- Eight Routers per Gateway/Router; 25 lock capacity (in range)
- Mesh network with redundancy, 'Hops', auto recovery, etc.
- Gateway: USB or network drop  
Router: ZigBee wireless only

## Specifications

- 2.4 GHz ZigBee compliant platform per IEEE 802.15.4
- Data rate: 256 Kbps
- I/O Data ports:
  - » 10/100 Mb Ethernet
  - » USB
- Power options:
  - » USB
  - » PoE per 802.3af (2W per Gateway/Router unit)
  - » 120 VAC adapter (included)
- Wall mount version:
  - » Suitable for location in ceilings, on walls, etc.
  - » Has RJ45 10/100 Ethernet PoE jack on underside with snap bracket for J-box mounting
  - » Operating temperature range is 0 °C to +50 °C
- Desktop version
  - » Suitable for desktop locations and unexposed outdoor locations (with optional NEMA 4 enclosure)
  - » Has RJ45 10/100 Mb Ethernet PoE jack on end cap for ease of installation
  - » Also includes snap bracket for J-box mounting
  - » Operating temperature range is -40 °C - +65 °C
- Dimensions: 6" L x 2 ¼" W x 1 ½" H
- UL and CE listed
- Emissions: FCC 47 CFR Part 15 Class B compliant

