

Long-range 2.4 GHz Wireless Outdoor Access Point

Provide outdoor wireless access to your company network or Internet connection for your employees, patrons or guests.



Includes PoE injector kit for versatile installation

The EnGenius ENS200EXT is a high-powered, long-range 2.4 GHz Wireless N150 Outdoor Access Point delivering data rates up to 150 Mbps and is ideal for providing connectivity to a small business network and its Internet connection for restaurant patrons, or for students and employees in educational or corporate campus venues.

ENS200EXT is based on Wireless N technology delivering a wireless data rate of up to 150 Mbps on the 2.4 GHz frequency spectrum. It features one omni-directional 5 dBi MIMO (Multiple In/Multiple Out) antenna that coupled with its strong transmit power of up to 400mW make it a compelling performance solution for small and growing businesses at a very affordable price.

ENS200EXT also features a robust security feature set that includes support for WPA/WPA2 Personal and Enterprise encryption, 802.1x RADIUS authentication, hidden SSID and MAC address filtering.

ENS200EXT has an IP65 rated weatherproof housing that ensures continued operation in harsh outdoor environments or in climates of extreme cold, heat or continuous moisture.

Key Features

- + 400mW high transmit power enabling long range connectivity
- + Designed for outdoor deployment with IP65 waterproof housing
- + Supports Wireless N technology with up to 150 Mbps data rate
- + One detachable 5 dBi omni-directional MIMO antenna
- + Signal strength LED indicators, pole mount kit, PoE kit provide easy installation
- + Can be monitored after deployment with EnGenius EZ Controller™ software for Windows

Hardware

RF: 2.4 GHz Frequency Band
Memory: 64MB
Flash: 16MB

Antenna

External/detachable 5 dBi Omni-directional Antenna

Physical Interface

2 x RJ-45 Fast Ethernet (10/100 Mbps)
1 x Reset Button

Power Requirements

- Active Ethernet (Power-over-Ethernet)
- Proprietary PoE design
- Power Adapter (United States) 24V / 0.6A

RF Specification

Frequency Band
2.4 GHz
Based on Wireless N technology

Data rate

Up to 150 Mbps

Software

Operation Modes

Access Point / Client Bridge / Client Router / WDS

Wireless/Network

Auto Channel Selection
Distance Control (802.1x Ack timeout)
CLI (Command Line Interface) Supported
802.1x RADIUS Supplicant (CB Mode)
Multiple SSID (4 SSID), BSSID
WDS AP / WDS Bridge / WDS Station
Multicast Supported
VLAN Tagging / VLAN Pass-through
Auto Reboot
Wi-Fi Scheduling

Security

WPA/WPA2 Personal (WPA-PSK using TKIP or AES)
WPA/WPA2 Enterprise (WPA-EAP using TKIP)
Hide SSID in beacons
MAC address filtering, up to 50 field
Wireless STA (Client) connected list

QoS (Quality of Service)

WMM (Wireless Multimedia)

ENVIRONMENT & MECHANICAL

Temperature Range

Operating -20°C~70°C / -4°F~158°F
Storage -30°C to 80°C / -22°F to 176°F
Humidity (non-condensing)
0% ~ 90% typical

Weights & Measures

ENS202EXT Device

Weight: 0.7 lbs.
Width: 3.9"
Length: 7.3"
Height: 1.14"

Packaging

Weight: 1.6 lbs.
Width: 2.8"
Length: 12.2"
Height: 9.2"

Package Contents

- ENS200EXT Access Point
- Power Adapter
- PoE Injector (EPE1212)
- Pole Mount set
- Screw Set
- Quick Start Guide
- Technical Support Card

