




Key features

- 50 x  supported
- Setup directly from any tablets or smart phone
- Repeat unsecured hotspots with own private secured SSID
- User-friendly installation kit

The EnGenius **EZ Hotspot Extender** is a long range 2.4GHz wireless outdoor Wi-Fi Hotspot extender/repeater and is ideal for extending the weak signal from the original Wi-Fi Hotspots to your caravan homes, yachts, chalets, etc.

Simple setup with no wires, configuring IP addresses required!

The EZ Hotspot Extender can be quickly configured directly out of the box without having to be hard-wired to a laptop or PC. Just power up the EZ Hotspot Extender and with a few simple clicks from the web browser of any smart PDA, tablets, you will be ready to go. Totally hassle free of remembering and configuring troublesome IP addresses!

Your own secured wireless network

Unlike traditional repeater which will inherit the hotspot's SSID and encryption profile, the EZ Hotspot Extender has its own SSID and encryption, irregardless of the type of encryption or no encryption of the Wi-Fi Hotspot. The encryption key is always the serial number of the product so you will never lose it or forget it.

One Internet voucher/Login for everyone

Some Wi-Fi Hotspot services operates on paid methods using vouchers or online payment. Such paid services are usually bind to a single client device, meaning you will need to purchase additional vouchers or login accounts for your other family members or other devices. With the EZ Hotspot Extender, you only need to use a single voucher or login account and the rest of your family members can access to the Internet!

Hardware

RF: 2.4GHz frequency band
Memory: 64MB
Flash: 16MB

Antenna

External/detachable 5dBi omni-directional antennas

Physical interface

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

Power requirement

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

RF Specification

2.4GHz frequency band
IEEE802.11b/g/n

Frequency band

2.4GHz

Data rate

Up to 300Mbps

Software

Wireless/Network

Auto Channel selection
Distance Control (802.1x Ack Timeout)
CLI (Command Line Interface) supported
802.1 X RADIUS Supplicant (CB Mode)
Multiple SSID (4SSID), BSSID
WDS AP / WDS Bridge / WDS Station
Multicasts 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
Operation,: -20°C ~ 70°C
Storage: -30°C to 80°C
Humidity (non-condensing)
0% - 90% typical