# Outdoor Long Range Wireless-N Access Point

The ENH900EXT is engineered with dual-band concurrent architecture which offers the bandwidth up to 450Mbps on 5GHz band and 450Mbps on 2.4GHz band. With the IP68-rated water-proof enclosure and the flexible mounting capability, the product is able to be applied under challenging environments.

## Power Over Ethernet and Reset from Remote-end Support

ENH900EXT equips with two gigabit Ethernet ports that support IEEE 802.3at PoE input and IEEE 802.3af PSE out as well as PoE injector with reset function. One of gigabit Ethernet ports can deliver the Internet signal and support the IEEE 802.3at PoE input. The other Ethernet port can provide the power source when using IEEE 802.3at PoE input instead of proprietary input. To fulfill the operation from distantly use, clients can reset the ENH900EXT to default functions via EPE-48GR from remote-end.

## Multiple Operation Modes

ENH900EXT can operate into three different modes with Access Point, Client Bridge and WDS Mode. With two individual interfaces, each interface can be configured into 3 different modes with the maximum of 5 combinations.

## Effective Management

The ENH900EXT can be configured by web configuration or EnGenius Zone Controller (EZ controller) software. With full-featured software built-in, the device allows administrator to control, manage, and optimize the network effectively from a central location which can decrease the maintenance cost greatly.

According to the users' needs, EnGenius has developed the multiple functions for maximum security, monitoring and easily management to ensure the optimal users' experience. The ENH900EXT provides wide-range of authentication and encryption standards (including WEP, WPA, WPA2, TKIP/AES and IEEE 802.1X) to enforce the maximum security.

## Key Features

+ IEEE 802.11 a/b/g/n compliant

+ Up to 450Mbps(2.4GHz) and 450Mbps (5GHz)

+ Two Gigabit Ethernet Port (One PSE out)

+ Waterproof Housing IP68 rated

+ AP/CB/WDS Mode support

+ 8 SSIDs support per radio

+ VLAN tagged

**Hardware features**
Dual Radio Concurrent
 - One radio supports 802.11a/n, and another supports 802.11b/g/n
High output power
 - Transmit high output power programmable for different country selections
High Data Rate
 - High speed transmitting rate up to 900Mbps with 2 radios, 3T3R 802.11n
Multi-Function
 - Dual AP, AP+CB, CB+AP, AP+WDS, WDS+AP
Long range transmitting
 -Transmit power control and distance control (ACK timeout)

**Software**
Multiple SSID
 - 8 SSID supported. Each SSID can set itself wireless or WAN access settings
VLAN Pass-through
 - Support VLAN Pass-through
Firmware Upgrade
 - Upgrading firmware via web browser, setting are reserved after upgrade
Reset & Backup
 - Reset to factory default. User can export all setting into a file via WEB
Ping & Trace Route
 - Built-in PING function & Trace Route function in Web GUI
MIB
 - MIB I, MIB II(RFC1213), Private MIB
SNMP
 - V1, V2c

**Environment and Mechanical**
Temperature Range
 - Operating -20℃~70℃
Humidity (non-condensing)
 - Storage -30℃ to 80℃
ESD Protection
 - 0%~90% typical
Dimensions
 - IP68
Weight
- 285mm (L) x 218mm (W) x 56mm (H)
Temperature Range
- 1450g