**Technical Specifications**

Standards

IEEE 802.11b/g/n on 2.4GHz  
IEEE802.11a/n/ac on 5GHz

Antenna

Four (4) External 5 dBi Dual-Concurrent Omni-Directional Antenna  
SMA-Type

Physical Interface

1 x 10/100/1000 Gigabit Ethernet Ports  
1 x Reset Button

LED Indicators

1 x Power  
1 x LAN  
1 x 2.4 GHz  
1 x 5 GHz

Power Source

Power-over-Ethernet: Proprietary 24V PoE  
IEEE 802.11e Compliant Source  
Active Ethernet (PoE)

Maximum Power Consumption

12.6W

Surge Protection

1KV

ESD Protection

Air: 8 KV

**Wireless & Radio Specifications**

Operating Frequency

Dual-Radio Concurrent 2.4GHz & 5 GHz

Operation Modes

Access Point Mode (AP Mode)  
Client Bridge Mode (CB Mode)  
WDS: AP Mode and Bridge Mode (Mesh Mode Coming Soon)

Frequency Radio

2.4GHz: 2400 MHz ~ 2835 MHz  
5GHz: 5150 MHz ~ 5250 MHz, 5250 MHz ~ 5350 MHz, 5470 MHz ~ 5725 MHz, 5725MHz ~ 5850MHz

Transmit Power

2.4 GHz: 23 dBm  
5 GHz: 23 dBm

Tx Beamforming (TxBF)

Radio Chains/Spatial Stream

2 x 2:2

SU-MIMO

Two (2) Spatial Stream SU-MIMO up to 1267 Mbps to a single client

MU-MIMO

Two (2) Spatial Stream MU-MIMO up to 1267 Mbps to two (2) MU-MIMO capable wireless devices simultaneously

Supported Data Rates (Mbps)

2.4 GHz: Max 400  
5 GHz: Max 867  
802.11b: 1, 2, 5.5, 11  
802.11a/g: 6, 9, 12, 18, 36, 48, 54  
802.11n: 6.5 to 400 Mbps (MCS0 to MCS15)  
802.11ac: 6.5 to 867 Mbps (MCS0 to MCS9, NSS = 1 to 2)

Supported Radio Technologies

802.11b: Direct-Sequence Spread Spectrum (DSSS)  
802.11a/g/n/ac: Orthogonal Frequency-Division Multiplexing (OFDM)  
802.11n/ac: 2×2 MIMO with 2 Streams

Channelization

802.11ac supports very high throughput (VHT)—VHT 20/40/80 MHz  
802.11n supports high throughput (HT)—HT 20/40 MHz  
802.11n supports very high throughput (VHT) under the 2.4 GHz radio—VHT (256-QAM)  
802.11n/ac packet aggregation: AMPDU, ASPDU

Supported Modulation

802.11b: BPSK, QPSK, CCK  
802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM  
802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM

**Management Features**

Multiple BSSID

Supports 16 SSIDs (8 SSIDs per band)

VLAN Tagging

Supports 802.1q SSID-to-VLAN Tagging  
Cross-band VLAN Pass Through  
Management VLAN

QoS (Quality of Service)

Complaint with IEEE 802.11e Standard

Band Steering

RSSI Threshold  
Traffic Shaping  
Save Configuration as Default  
Auto Transmit Power  
Auto Channel Selection  
Site Survey  
PMK Caching

Control Features

Distance Control (ACK Timeout)  
Multicast Supported  
Fast Roaming  
Email Alerts  
Wi-Fi Scheduler  
Client Traffic Status  
Guest Network  
RADIUS Accounting  
Power Save Mode (U-APSD Support)  
CLI Support

SNMP

v1, v2c, v3

MIB

I/II, Private MIB

Wireless Security

WEP Encryption 64/128/152 bit  
WPA/WPA2 Enterprise (WPA-EAP using TKIP or AES)  
Hide SSID in Beacons  
MAC Address Filtering, Up to 64 MACs per SSID  
Wireless STA (Client) Connected List  
Https  
SSH  
Client Isolation

**Environmental & Physical**

Temperature Range

Operating: -4º~140ºF/-20ºC~60ºC  
Storage: -22Fº~176ºF/-40ºC~80ºC

Humidity (non-condensing)

Operating: 90% or less  
Storage: 90% or less

Waterproof & Dustproof

IP67-Rated Enclosure

**Dimensions & Weight**

ENH1350EXT Device

Width: 4.37” (111.2 mm)  
Length: 6.83” (173.6 mm)  
Height” 1.19” (30.29 mm)

Package Contents

1 – ENH1350EXT Dual-Band AC1300 Outdoor Access Point  
1 – Power Adapter (54V/0.6A)  
1 – PoE Adapter (EPA5006GR)  
2 – Pole-Mounting Brackets  
1 – Wall-Mount Screw Set  
2 – 2.4GHz 5dBi SMA Antennas  
2 – 5GHz 5dBi SMA Antennas  
1 – Quick Installation Guide

Certifications

FCC  
CE