**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