**Technical Specifications**

Standards

IEEE 802.11b/g/n on 2.4 GHz
IEEE 802.11a/n/ac on 5 GHz
IEEE 802.3at
IEEE 802.1r
IEEE 802.1k
IEEE 802.11x

Memory Capacity

Memory: 128 MB
Flash Memory 16 MB

Antenna

Internal Omni-Directional Antennas
5 dBi on 2.4 GHz & 5 GHz

Physical Interface

1 x 10/100/1000 Gigabit Ethernet Port
1 x Reset Button
1 x Power Connector

Physical Security

Kensington Security Slot

LED Indicators

1 x Power
WLAN (Wireless Connection)
2.4 GHz
5 GHz
1 x LAN

Power Source

External Power Adapter
DC IN, 12V/2A
IEEE 802.3at Compliant Source

Mounting

Ceiling Mount
Wall Mount

**Wireless & Radio Specifications**

Operating Frequency

Dual-Radio Concurrent 2.4GHz & 5GHz

Operation Modes

Access Point
Mesh Access Point

Frequency Radio

2.4GHz:
2400MHz ~ 2835MHz
5GHz:
5180MHz ~ 5240MHz, 5260 ~ 5320MHz, 5500MHz ~ 5700MHz, 5745MHz ~ 5825MHz

Transmit Power

Up to 28 dBi on 2.4 & 5 GHz
Max transmit power is limited by regulatory power

Radio Chains/Spatial Streams

3 x 3:3

Supported Data Rates (Mbps)

2.4 GHz: Max 450
5 GHz: Max 1300
802.11b: 1, 2, 5.5, 11
802.11g: 6, 9, 12, 18, 24, 36, 48, 54
802.11n: 6.5 to 450 (MCS0 to MCS23)
802.11ac: 6.5 to 1300 (MCS0 to MCS9, NSS=1 ~3)

Supported Radio Technology

802.11b: Direct-Sequence Spread-Spectrum (DSSS)
802.11a/g/n/ac: Orthogonal frequency-division Multiplexing (OFDM)

Channelization

802.11ac with 20/40/80 MHz channel width
802.11n with 20/40 MHz channel width
802.11a/b/g with 20 MHz channel width

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 up to 8 SSIDs per radio

VLAN Tagging

Supports 802.1q SSID-to-VLAN tagging
VLAN Pass through

QoS

Compliant with IEEE 802.11e Standard
WMM

SNMP

v1, v2c, v3

MIB

I/II, Private MIB

Deployment Options

Standalone (Individually Managed)
Managed Mode (with Neutron Series Switch/ezMaster)

Wireless Management Features (with ezMaster & Neutron Switch)

AP Auto Discovery and Provisioning
AP Auto IP Assignment
AP Group Management
Remote AP Rebooting
AP Device Name Editing
AP Radio Settings
Band Steering
Traffic Shaping
Fast Roaming (802.11k & 802.11r)
Pre-Authentication (802.11i, 802.11x)
PMK Caching (802.11i)
RSSI Threshold
AP Client Limiting
Client Fingerprinting
AP VLAN Management
VLANs for AP – Multiple SSIDs
Secured Guest Network
Captive Portal
Access Point Status Monitoring
Rogue AP Detection
Wireless Client Monitoring
Background Scanning
Auto Transmit Power
Auto Channel
Email Alert
Wireless Traffic & Usage Statistics
Real-time Throughput Monitoring
Visual Topology View
Floor Plan View
Map View
Wireless Coverage Display
SSL Certificate
Remote MAC Address Database (RADIUS)
Unified Configuration Import/Export
Bulk Firmware Upgrade Capability
One-Click Update
Intelligent Diagnostics
Kick/Ban Clients
Wi-Fi Scheduler
Traffic Shaping

Configuration

Web Interface (HTTP)
CLI (Telnet)

Control Features

Managed Mode (by Neutron Switch/ezMaster)
Auto Reboot
One-Click Firmware Upgrade
Firmware Upgrade: Web interface or CLI (FTP/HTTP)

Security

WPA/WPA2 Enterprise
Hide SSID in beacons
MAC Address Filtering
Https Support
SSH Support
Client Isolation
L2 Isolation

**Environmental & Physical**

Temperature Range

Operating: 32°F to 104°F (0°C to 40°C)
Storage: -4°F to 140°F (-20°C to 60 °C)

Humidity (non-condensing)

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

**Dimensions & Weight**

EWS360AP Device

Weight: 0.80 Ibs.
Width: 6.36” (161.5 mm)
Length: 6.36” (161.5 mm)
Height: 1.64” (41.5 mm)

Package Contents

– EWS360AP Dual-Band 802.11ac Indoor Access Point
– 12V/2A Power Adapter
– T-Rail Mounting Kit
– Ceiling and Wall Mount Screw Kit
– Mounting Bracket
– RJ-45 Ethernet Cable
– Quick Installation Guide

Certifications

FCC
CE