



# **Neutron Series Indoor Access Points**

# Neutron Series Indoor Managed Access Points

High Performance Reliability

EnGenius' Neutron Series line of Managed Indoor Access Points provides wireless connectivity that's flexible, scalable and reliable for a broad range of indoor applications.

Whether you are looking to connect a luxury home or office or need to provide ultra-fast Wi-Fi access to a large resort or campus, Neutron EWS Access Points meet the high-bandwidth requirements and features of today's BYOD users.

No matter what size network you need to support, Neutron EWS Access Points are flexible enough to meet your needs. Start small and grow or go big. Deploy and manage a few or 1,000+ APs on an unlimited number of networks distributed across various locations—regardless of their size and infrastructures. Neutron Series easily scales with your networking needs.

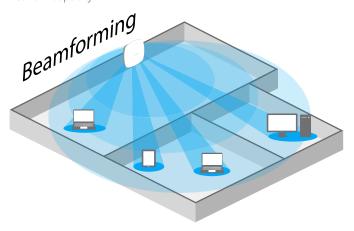
# **Features & Benefits**

- High-Capacity 11ac Wave 2 Speeds up to 2.5 Gbps
- Dual-Radio MU-MIMO Improves Performance, Expands Capacities
- Beamforming Technology Optimizes Signal, Reception & Reliability
- Operate as a Stand-Alone AP or Centrally Manage via Switch
- Remotely Manage 1-1,000+ APs via ezMaster™
- Versatile 4x4, 3x3 & 2x2 11ac & Single-Band 11n Models
- No Access Point Licensing or Subscription Fees
- GbE PoE-Compliant Ports Expand Deployment & Power Options
- Low-Profile Ceiling, Wall-Mount & Wall Plate Designs Blend With Environment
- Mesh Wireless Support Simplifies Setup, Optimizes Signals & Self-Heals (Select Models)



# **Ultra-Fast 11ac Wave 2 Speeds**

EnGenius' 11ac Wave 2 Access Points deliver the highest available speeds for Wi-Fi devices reaching 2.5 Gbps. Beamforming technology focuses signals directly to client devices, providing optimal, reliable reception even in densely crowded environments. Four spatial streams and dual-concurrent MU-MIMO radio operation sends beams to multiple users simultaneously, creating increased network capacity.



# Flexibility in Deployment

Neutron's versatile line of high-performance, managed, indoor ceiling- and wall-mount access points range from single-band 11n models to high-capacity 4x4 dual-band 11ac Wave 2 versions. Wall plate models serve as all-in-one communication "hubs" for in-room wireless connectivity. Configure APs individually as stand-alone units, locally manage up to 50 per Neutron Switch or use ezMaster software to control 1,000+ APs.

# Optimize Connectivity With Wireless Mesh On Selected Models

Utilize mesh access point mode on select Neutron APs for retrofit or new install applications where wire runs are not possible. Mesh's smart sensing technology adds devices quickly, optimizes routes between APs, and automatically self-heals the network in the event an AP should ever lose connection.

# **Protected by Advanced Encryption**

With Neutron EWS APs, your network is protected from attacks at multiple levels through advanced wireless encryption standards such as Wi-Fi Protected Access Encryption and authentication.

Network threats are quickly detected and avoided through rogue AP detection, email alerts and real-time wireless invasion monitoring, allowing for immediate action to divert network hacks and other security threats.

# **Secure Guest Networks**

Organizations that offer Internet access to patrons or visitors—notably hotels, retail shops and restaurants—will appreciate Neutron's guest network capabilities. Establish a secure guest network that blocks access to main corporate computers. Create separate Virtual LANs for increased security, network reliability and bandwidth conservation.



# **Power-over-Ethernet Convenience**

All Neutron EWS Access Points feature at least one Gigabit PoE port, enabling placement in discreet locations where power outlets are scarce or unavailable. Power the APs through a connected Ethernet cable directly to a Neutron Managed Gigabit PoE+ Switch or with a PoE adapter up to 328 feet from the power source.

# **Simplified Deployment & Provisioning**

In combination with Neutron Switches and ezMaster Network Management Software, Neutron EWS APs are automatically discovered and provisioned. One-click individual or bulk configurations and upgrades save time. In addition, these access points are quickly and easily deployed and operated by users with limited networking experience.

# Manage Up to 50 APs with Neutron Switches

In small settings, any Neutron Managed Switch can act as a wireless controller capable of managing up to 50 Neutron EWS Access Points. IT administrators have access to all connected Neutron devices and a full array of Layer 2 management tools. Choose between 8, 24, and 48-Port PoE+ switch models with flexible deployment and management options.

# ezMaster

# **Network Management Software**

# Flexible Distributed Network Management

ezMaster Network Management Software expands the flexibility and scalability of Neutron Series EWS Managed Access Points and Switches.

ezMaster allows organizations, such as branch offices and managed service providers, to easily and affordably deploy, monitor and manage a large number of Neutron APs, Switches and IP Cameras across geographically diverse properties. Centrally manage an unlimited number of independent distributed networks in the same subnet or cross-subnets from a single, at-a-glance network dashboard, no matter where they're located.

Deploy ezMaster locally, remotely or via a Cloud-based service with or without an onsite controller.

# Powerful, Scalable Options

ezMaster scales with your growing business needs. Manage 1.000+ Neutron EWS devices and 10.000+ concurrent users. Together, Neutron APs, Switches and ezMaster provide a flexible, fully integrated solution with redundancy support and future expandability for broader device connectivity.



# **System Requirements**

Recommended environment for managing up to 500 APs

CPU: Intel® Core™ i7 quad-core or above

RAM: 4 GB minimum

HDD: 500 GB (actual requirement dependent on log size)
OS: Microsoft® Windows® 7 or later + VMware® Player 7.0 or compatible virtualization software

# Recommended environment for managing 1,000+ APs

CPU: Intel® Xeon® Processor E3 or above

RAM: 4 GB minimum

HDD: 500 GB (actual requirement dependent on log size)
OS: Microsoft® Windows® 7 or later + VMware® Player 7.0 or compatible virtualization software

# **Browser Requirements**

Internet Explorer 10 or better Firefox 34.0 or better Chrome 31.0 or better Safari 8.0 or better

# **Network Topology Requirements**

At sites where APs are deployed: A DHCP-enabled network for APs to obtain an IP address

# **Simplified Device Management**

ezMaster Network Management Software makes centralized device management easy. How? Through bulk configuration, provisioning and monitoring, a comprehensive at-a-glance network dashboard, rich analytics and reporting, and much more.

# ezMaster Software Features

- · Centralized Management
  - Configure, Managed & Monitor 1,000+ Neutron Devices
  - Cross-Network AP Management
  - AP Group Configuration
- · Access Point Configuration & Management
  - Auto Channel Selection
  - Auto Tx Power
  - Background Scanning
  - Band Steering (Auto Band Steering & Band Balancing)
  - Client Isolation
  - Client Limiting
  - Fast Roaming
  - L2 Isolation
  - LED On/Off Control
  - Multiple SSID
  - RSSI Threshold
  - Secure Guest Network
  - Traffic Shaping
  - VLAN Isolation
  - VLAN Tag

# · Comprehensive Monitoring

- Device Status Monitoring
- Floor Plan View
- Map View
- Rogue AP Detection
- System Status Monitoring
- Visual Topology View
- Wireless Client Monitoring
- Wireless Coverage View
- Wireless Traffic & Usage Statistics

# · Management & Maintenance

- Bulk Firmware Upgrade
- Traffic Shaping
- Captive Portal
- Email Alert
- Kick/Ban Clients
- One-Click Update
- Remote Logging
- Schedulina
- Seamless Migration
- Syslog

# **EnGenius Neutron Series Indoor Managed Access Points**









11ac WAVE 2		CEILING-MOUNT		WALL PLATE
Models	EWS371AP	EWS370AP	EWS330AP	EWS550AP
Standards	802.11a/b/g/n/ac Wave 2	802.11a/b/g/n/ac Wave 2	802.11a/b/g/n/ac Wave 2	802.11a/b/g/n/ac Wave 2
Frequency	2.4 GHz & 5 GHz			
2.4 GHz Max. Data Rate	800 Mbps	800 Mbps	400 Mbps	400 Mbps
5 GHz Max. Data Rate	1,733 Mbps	1,733 Mbps	867 Mbps	867 Mbps
Radio Chains/Streams	4 × 4:4	4 × 4:4	2 x 2:2	2 x 2:2
RF Output Power (2.4 GHz)	27 dBm	27 dBm	26 dBm	21 dBm
RF Output Power (5 GHz)	27 dBm	27 dBm	26 dBm	20 dBm
Ethernet Ports	2 x Gig Port (PoE+)	2 x Gig Port (PoE+)	1 x Gig Port (PoE)	1 x GigE Uplink 2 x GigE Switched 1 x GigE Switched PoE+ 2 x RJ45 Pass- Through 2 x 110 Punch- down
Power-over-Ethernet	802.3at	802.3at	802.3af	802.3af/at
Power Consumption (Peak)	21W	21W	12W	10W
Integrated Antenna	N/A	8 x 3 dBi	4 x 5 dBi	2 x 4 dBi (2.4 GHz) 2 x 6 dBi (5 GHz)
External Antenna	8 x 3 dBi (RP-SMA)	N/A	N/A	N/A









11ac & 11n	CEILING-MOUNT				
Models	EWS360AP	EWS355AP	EWS350AP	EWS310AP	
Standards	802.11a/b/g/n/ac	802.11a/b/g/n/ac Wave 2	802.11a/b/g/n/ac	802.11a/b/g/n	
Frequency	2.4 GHz & 5 GHz	2.4 GHz & 5 GHz	2.4 GHz & 5 GHz	2.4 GHz & 5 GHz	
2.4 GHz Max. Data Rate	450 Mbps	400 Mbps	300 Mbps	300 Mbps	
5 GHz Max. Data Rate	1,300 Mbps	867 Mbps	867 Mbps	300 Mbps	
Radio Chains/Streams	3 x 3:3	2 x 2:2	2 x 2:2	2 x 2:2	
RF Output Power (2.4 GHz)	28 dBm	23 dBm	26 dBm	29 dBm	
RF Output Power (5 GHz)	28 dBm	23 dBm	26 dBm	26 dBm	
Ethernet Ports	1 x Gig Port (PoE+)	1 x Gig Port (PoE)	1 x Gig Port (PoE+)	1 x Gig Port (PoE)	
Power-over-Ethernet	802.3at	802.3af	802.3at	802.3af/at	
Power Consumption (Peak)	22.8W	12W	18W	15.6W	
Integrated Antenna	6 x 5 dBi	4 x 5 dBi	4 x 5 dBi	4 x 5 dBi	
External Antenna	N/A	N/A	N/A	N/A	

# **Technical Specifications**

# Frequency

EWS310AP/EWS330AP/EWS355AP/ EWS360AP/EWS370AP EWS371AP/EWS510AP/ EWS550AP

2.4 and 5 GHz Frequency Bands

# Standards

# EWS310AP/EWS510AP

IEEE 802.11a/b/g/n

# EWS330AP/EWS350AP/EWS355AP/EWS360AP/ EWS370AP/EWS371AP/EWS550AP

IEEE 802.11a/b/g/n/ac

# Radio I

11b/g/n: 2.412~2.484 GHz

# Radio II (Dual-Band models only)

11a/n/ac: 5.18-5.24 & 5.26-5.32 & 5.5-5.7 & 5.745-5.825 GHz

# **Data Rates**

 $\label{eq:ws310AP/EWS510AP} \textbf{Up to 300 Mbps on both frequency bands}$ 

**EWS350AP** Up to 300 Mbps on 2.4 GHz; Up to 867 Mbps on 5 GHz

**EWS360AP** Up to 450 Mbps on 2.4 GHz; Up to 1300 Mbps on 5 GHz

EWS370AP/EWS371AP Up to 2.5 Gbps; Up to 800 Mbps on the 2.4 GHz band; Up to 1,733 Mbps on the 5 GHz band

**EWS330AP/EWS355AP/EWS550AP** Up to 400 Mbps on 2.4 GHz; Up to 867 Mbps on 5 GHz

# **Power Consumption**

EWS550AP Up to 10W

EWS310AP Up to 15.6W

EWS330AP Up to 12W

EWS350AP Up to 18W

EWS355AP Up to 12W

EWS360AP Up to 22.8W

EWS370AP Up to 21W

EWS371AP Up to 21W

EWS510AP Up to 10.8W

# **Technical Specifications continued**

#### **Antennas**

#### EWS310AP/EWS330AP/EWS350AP/EWS355AP

2 x 5 dBi 2.4 GHz Internal

2 x 5 dBi 5 GHz Internal

#### EWS360AP

3 x 5 dBi 2.4 GHz Internal

3 x 5 dBi 5 GHz Internal

#### FWS370AP

4 x 3 dBi (RP-SMA) 2.4 GHz Internal

4 x 3 dBi (RP-SMA) 5 GHz Internal

#### EWS371AP

4 x 3 dBi 2.4 GHz Detachable

4 x 3 dBi 5 GHz Detachable

#### EWS510AP

2 x 4 dBi 2.4 GHz Internal

2 x 5 dBi 5 GHz Internal

#### EWS550AP

2 x 4 dBi 2.4 GHz Internal

2 x 6 dBi 5 GHz Internal

#### **Physical Interface**

#### EWS310AP/WS350AP/EWS355AP/EWS360AP

1 x RJ45 10/100/1000 Mbps - PoE Capable

- 802.3at PoE Input (EWS360AP)
- 802.3af PoE Input (EWS310AP / EWS350AP / EWS355AP)
- 1 x Reset Button
- 1 x Power Connector
- 1 x Kensington Lock Slot

# EWS330AP

- 1 x RJ45 10/100/1000 Mbps PoE Capable
- 802.3af PoE Input
- 1 x DC Jack
- 1 x Reset Button

# EWS370AP/EWS371AP

 $2\times RJ45\,10/100/1000$  Mbps Ports (Link Aggregation Achieves 2 Gbps Throughput)

- LAN1: 802.3at PoE Input
- LAN2: Pass-Through Port
- 1 x Reset Button
- 1 x DC Power Connector
- 1 x Kensington Lock Slot

# EWS510AP

1 x 10/100/1000 Mbps Uplink Port with 802.3af/at PoE

1 x 10/100 Mbps Switched Port with PoE Output (support 802.3af output when PoE input is 802.3at)

3 x 10/100 Mbps Switched Ports

2 x RJ45 Pass-Through Ports

1 x 110 Punch Down Block

1 x DC Power Connector

1 x Reset Button

#### **Physical Interface Continued**

#### EWS550AP

1 x 10/100/1000 Mbps Uplink Port (back plate)

 $3 \times 10/100/1000$  Mbps Ethernet Switched Ports (client ports)

- Port 1 (PSE) 802.3af PoE (requires 802.3at power source)

2 x 110 Punch Down Block (1x Passthrough Port, 1x Unlink Port)

2 x RJ45 Pass-Through Ports

1 x Reset Button

1 x Kensington Lock Slot

#### **LED Indicators**

#### EWS310AP/EWS350AP/EWS355AP/EWS360AP

1 x Power

1 x WLAN (Wireless Connection)

1 x LAN

1 x 2.4 GHz

1 x 5 GHz

#### EWS330AP

1 x Power

1 x 2.4 GHz

1 x 5 GHz

#### EWS370AP/EWS371AP

1 x Power

2 x WLAN

1 x LAN 2.4 GHz

1 x LAN 5 GHz

# EWS510AP

1 x Power

1 x WAN

1 x 2.4 GHz

1 x 5 GHz

1 x LAN 1-4

# EWS550AP

1 x Power

1 x Uplink

1 x 5 GHz

1 x 2 4 GHz

1 x PoE Out

1 x LAN

# **Power Requirements**

Power Supply: 100 to 240 VDC  $\pm$  10%, 50/60 Hz (depends on different countries)

Active Ethernet (Power-over-Ethernet, IEEE 802.3at/af)

# EWS330AP/EWS355AP 12 V/1A

EWS310AP/EWS350AP/EWS360AP/EWS370AP/ EWS371AP 12V/2A

#### **Power Requirements Continued**

EWS510AP 48V/0.8A

EWS550AP Power-over-Ethernet with 802.3at in

#### Modulations

OFDM: BPSK, QPSK, 26-0AM (EWS300AP) 16-QAM, 64-QAM, 256-QAM (EWS371AP/EWS370AP/ EWS550AP/EWS355AP/EWS330AP) DBPSK, DQPSK, CCK

# Radio Technologies

802.11b: Direct-Sequence Spread Spectrum (DSSS)

802.11a/g/n/ac: Orthogorial Frequency Division Multiflexing (OFDM)

# **Operating Channels**

2.4 GHz Europe 1-13

5 GHz (Dual-Band models only): Country dependent for the following ranges:

36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 149, 153, 157, 161, 165

# **Operation Modes**

Access Point

Mesh (EWS360AD/EWS350AP/EWS355AP EWS330AP/EWS550AP)

# Multiple BSSID

Supports up to 8 unique SSIDs for both 2.4 GHz & 5 GHz

# SSID-to-VLAN Tagging

Supports 802.1q SSID-to-VLAN Tagging

# **Spanning Tree**

Supports 802.1d Spanning Tree Protocol

# Wireless

# EWS310AP/EWS510AP

Wireless Mode: 11a/11b/11g/11n

EWS330AP/EWS350AP/EWS355AP/EWS360AP/ EWS370AP/EWS371AP/EWS550AP

Wireless Mode: 11a/11b/11g/11n/11ac

# All EWS 11ac APs

Channel Bandwidth (Auto, 20 MHz, 40 MHz, 80 MHz)

# EWS310AP/EWS510AP

Channel Bandwidth (Auto, 20 MHz, 40 MHz)

# Tx Beamforming (Tx BF)

EWS330AP/EWS355AP/EWS370AP/EWS371AP/EWS550AP

# **Technical Specifications continued**

#### SH-MIMO

#### EWS370AP/EWS371AP

(4) Spatial Streams to 1733Mbps to single client

# EWS330AP/EWS355AP/EWS550AP

(2) Spatial Streams to 1267 Mbps to single client

#### **MU-MIMO**

# EWS370AP/EWS371AP

3) Spatial Stream up to 1267 Mbps to (2) Clients MU-MIMO-Capable Devices Simultaneously

# EWS330AP/EWS355AP/EWS550AP

(2) Spatial Stream to 1267 Mbps to (2) Clients MU-MIMO Capable Devices Simultaneously

# **Stand-Alone Management Features**

Auto Channel Selection

Auto Transmit Power

Wireless STA (Client) Connected List

Captive Network (Guest Network)

Fast Roaming (802.11k & 802.11r)

Pre-Authentication (802.11i, 802.11x)

PMK Caching (802.11i)

RSSI Threshold

Band Steering per SSID

Traffic Shaping

VLANs for Access Point - Multiple SSIDs

MAC Address Filtering

Backup/Restore Settings

Power Save Mode

Auto Reboot

E-Mail Alert

Site Survey

Save Configuration as Default

Background Scanning

Client Fingerprinting

Multicast to Unicast

iviuiticast to offi

Captive Portal Wi-Fi Scheduler

RADIUS Accounting

# Wireless Management Features (with ezMaster & Neutron Switch)

Access Point Auto Discovery and Provisioning

Access Point Auto IP Assignment

Access Point Group Management

Remote Access Point Rebooting

Access Point Device Name Editing

Access Point Radio Settings

Band Steering per SSID

Traffic Shaping

Fast Roaming (802.11k & 802.11r)

Pre-Authentication (802.11i & 802.11x)

PMK Caching (802.11i)

RSSI Threshold

Access Point Client Limiting

# Wireless Management Features (with ezMaster & Neutron Switch) continued

Client Fingerprinting

Wireless Security (WEP, WPA/WPA2 Enterprise, WPA/WPA2 PSK)

AP VLAN Management

VLANs for Access Point- Multiple SSIDs

Secured (Guest Network)

Captive Portal

Access Point Status Monitoring

Rogue AP Detection

Wireless Client Monitoring

Background Scanning

Email Alert

Wireless Traffic & Usage Statistics

Real-Time Throughput Monitoring

Visual Topology View

Floor Plan View

Map View

Wireless Coverage Display

Secure Control Messaging (SSL Certificate)

Local MAC Address Database

Remote MAC Address Database (RADIUS)

Unified Configuration Import/Export

Bulk Firmware Upgrade Capability

Muti-Tenant

One-Click Update

Intelligent Diagnostics

Kick/Ban Clients

Wi-Fi Scheduler

# Tx Power Control

Adjust Transmit Power by dBm

# Configuration

Web-based Configuration (http)

# Firmware Upgrade

Via Web Browser

# **Administrator Settings**

Administrator Username and Password Change

# MIB

MIB I, MIB II (RFC1213) and private MIB

# **System Monitoring**

Status Statistic and Event Log

# SNMP

V1/V2c/V3

# **Reset Settings**

Reboot (press and hold for 2 seconds). Reset to Factory Default (press and hold for 10 seconds)

#### **Auto-Channel Selection**

Automatically Selecting Least Conjested Channel

# **Bandwidth Measurement**

IP Range and Bandwidth Management

#### Schedule Rehoot

Reboot Access Point by Minute, Hour, Day, or Week

#### **Backup and Restore**

Save and Restore Settings via Web Interface

#### CLI

Supports Command Line Interface

#### Diagnosis

IP Pinging Statistics

#### Log

SysLog and Local Log Support

# LED Control

On/Off

# AP Detection

Scanning for Available EnGenius APs

# Wireless Security

WPA2 Personal (WPA-PSK using AES)

WPA2 Enterprise (WPA-EAP using AES)

802.1X RADIUS Authenticator: MD5/TLS/TTLS, PEAP

SSID Broadcast Enable/Disable

MAC Address Filtering, Up to 50 Entries

L2 Isolation

# QoS (Quality of Service)

IEEE 802.11e

WMM (Wireless Multimedia)

# **Temperature Range**

Operating: 32°F to 104°F (0°C to 40°C)

Storage Temperature: -40°F to 176°F (-40°C to 80°C)

# Humidity (non-condensing)

Operating: 90% or less

Operating: 90% or less

# **Technical Specifications continued**

# **Physical Security**

Kensington Security Slot (N/A for EWS510AP)

# **Device Dimensions and Weights**

# EWS310AP

Weight: 0.80 lbs. (362.8 g)

Length: 6.36" (161.5 mm)

Width: 6.36" (161.5 mm)

Height: 1.64" (41.6 mm)

# EWS330AP

Weight: 0.41 lbs. (0.18 g)

Diameter: 5.11" (130 mm)

Height: 1.57" (40 mm)

# EWS350AP/ EWS355AP /EWS360AP

Weight: 0.80 lbs. (362.8 g)

Length: 6.5" (165.1 mm)

Width: 6.5" (165.1 mm)

Height: 1.64" (41.6 mm)

# EWS370AP/EWS371AP

Weight: 3.7 lbs. (1.67 kg)

Length: 8.46" (215 mm)

Width: 8.46" (215 mm)

Height: 2.2" (55.8 mm)

# **Device Dimensions and Weights Continued**

#### EWS510AP

Weight: 0.65 lbs. (296 g)

Length: 1.45" (37 mm)

Width: 4.33" (110 mm)

Height: 5.19" (130 mm)

# EWS550AP

Weight: 1 lbs. (450 kg)

Width: 4.9" (125 mm)

Length: 7.4" (188 mm)

Height: 1" (26 mm)

# Package Contents

T-Rail Mounting Kits

Ceiling and Wall Mount Screw Kits

Mounting Brackets

Quick Installation Guide

# EWS310AP/EWS350AP/EWS355AP/EWS360AP

RJ45 Ethernet Cable

#### EWS330AP\*

EWS330AP Dual-Band

AC1300 Indoor Access Pont

T-Rail Mounting Kit

Ceiling and Wall Mount Screw Kit

Mounting Bracket

RJ-45 Ethernet Cable

Quick Installation Guide

# **Package Contents Continued**

# EWS370AP/EWS371AP

Power Adapter (12V/2A)

# EWS371AP

8 x Detachable RP-SMA Antennas

# EWS510AP

Power Adapter (48VDC/0.8A)

Mounting Bracket for J-Box

**Bracket Screws** 

# EWS550AP\*

Mounting Bracket for J-Box

Wall Mount Screw Kits

#### Certifications

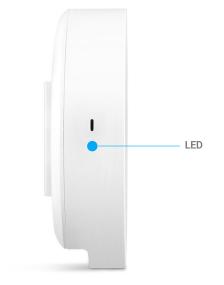
FCC, IC, CE

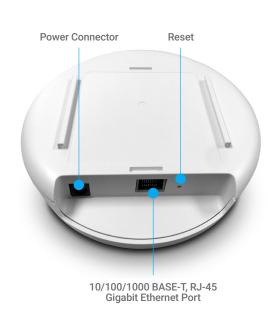
# Warranty

1-Year Standard

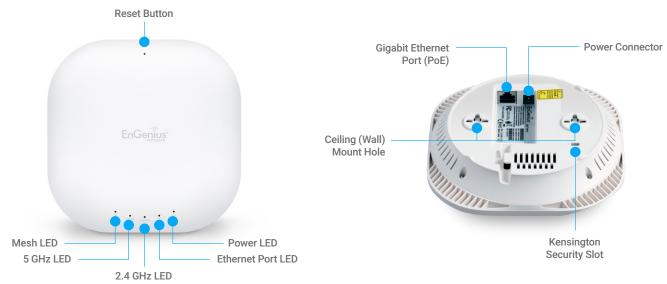
\***Note**: No Power Adapter included in EWS330AP-3Pack and EWS550AP

# **EWS330AP Indoor Access Point**

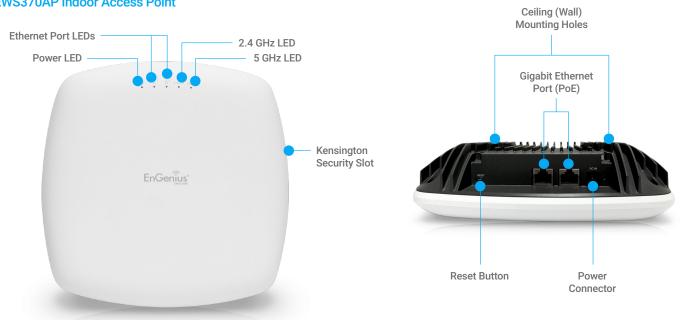




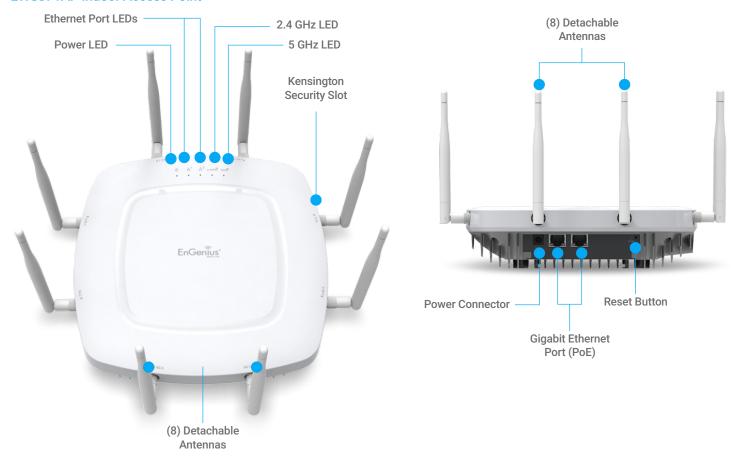
# EWS310AP/EWS350AP/EWS355AP/EWS360AP Indoor Access Points



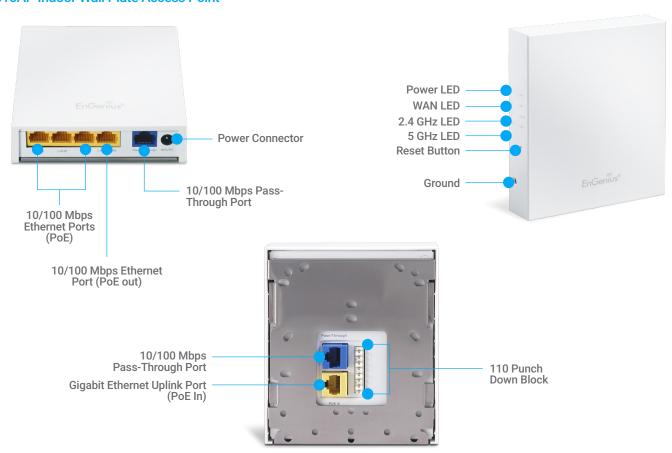
# **EWS370AP Indoor Access Point**

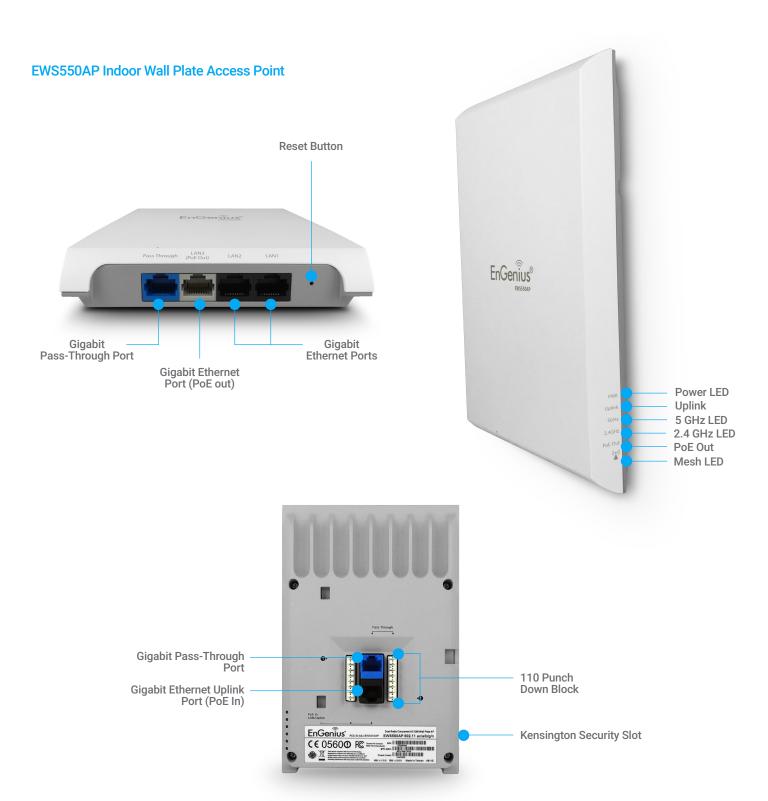


# **EWS371AP Indoor Access Point**



# **EWS510AP Indoor Wall Plate Access Point**





Maximum data rates are based on IEEE 802.11 standards. Actual throughput and range may vary depending on distance between devices or traffic and bandwidth load in the network.

# EnGenius Networks Europe BV Fellenoord 180, 5611 ZB Eindhoven - Nederland

Email: sales@engeniusnetworks.eu | Phone: +31 40 8200 888 | Website: engeniusnetwors.eu Version 20190107EU

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