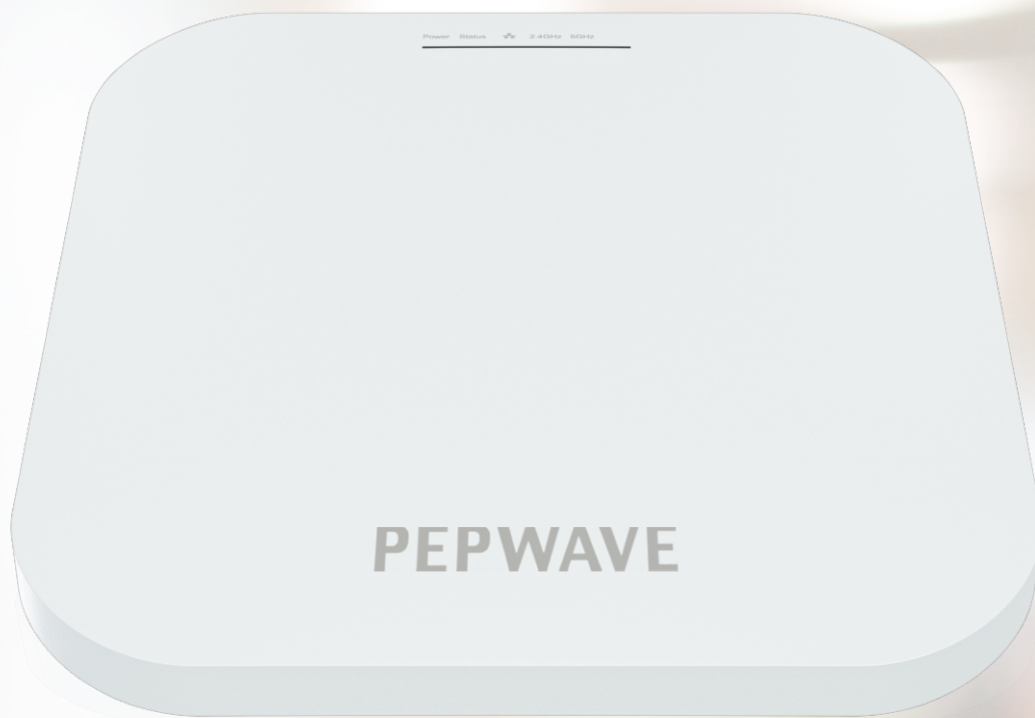# PEPWAVE | AP One AX

Better Coverage and Speed with Wi-Fi 6

Deploy Anywhere, Manage Centrally

Turnkey or Custom Captive Portals

Enterprise-Grade Fast Roaming

Seamless Peplink SD-WAN Integration

Manage Centrally, No Extra Hardware Needed

Usage Report

SSID Management

Searchable Event Log

Each AP One AX comes equipped with InControl central management. View the health and data usage of your network from any web browser. Centrally manage your network's SSID and radio settings from a single pane of glass. Use the searchable event log to quickly diagnose your entire network.

Turnkey or Custom Captive Portals

Customize your captive portal as little or as much as you would like. Right out of the box, it includes a captive portal ready for immediate use.

For a more branded user experience, you can edit every aspect of the captive portal using InControl.
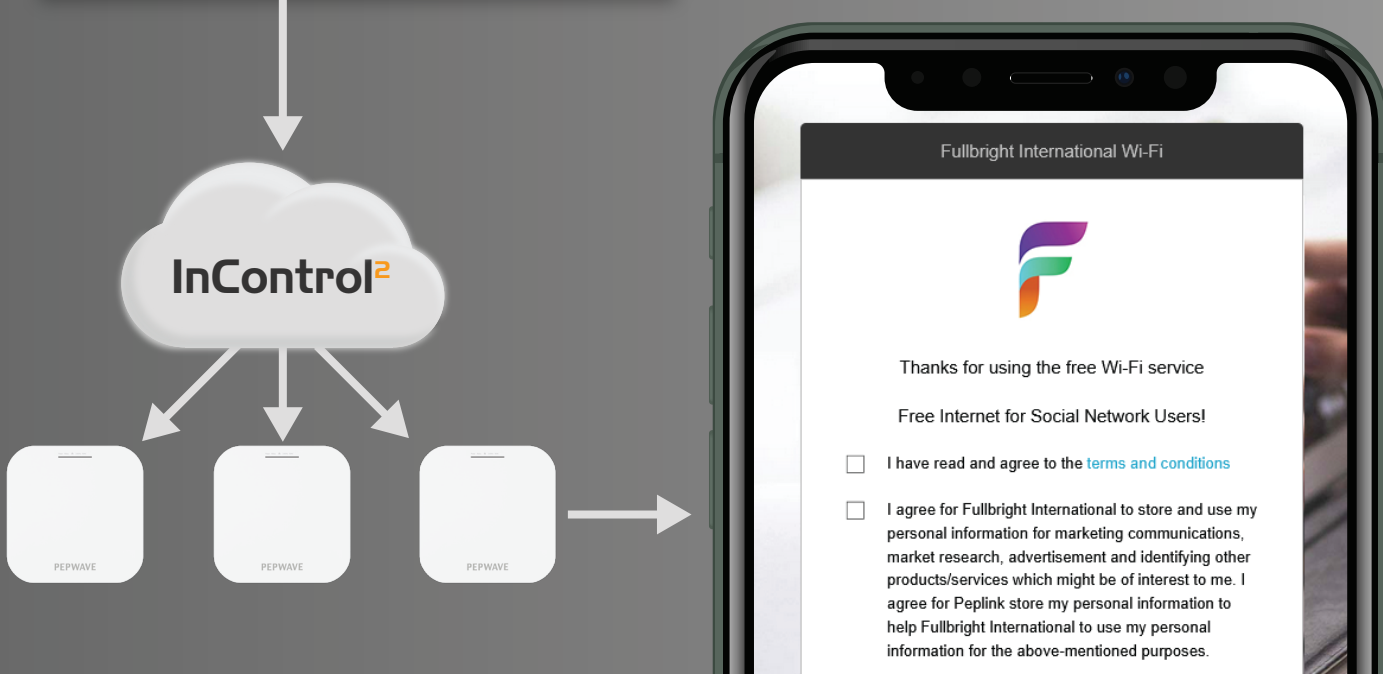
Simply Better Wi-Fi

Wi-Fi 6: Faster, Better
This technology is 45% faster than Wi-Fi 5, has 4x more device capacity, and consumes less power for connected devices.

Enterprise-Grade Fast Roaming
This device supports 802.11k, v, and r, providing users with a more seamless roaming experience between access points.

Seamless Peplink SD-WAN Integration

The AP One AX works seamlessly with other services in the Peplink ecosystem, providing unique network capabilities, unmatched network flexibility and ease of use.

InControl Central Management
Monitor network health on a single dashboard. Push configuration profiles on multiple devices at once. Remotely access the Web Admin of any device.

Balance/MAX/FusionHub
Provides unbreakable connectivity by combining multiple WANs. Works with InControl to centralize VLAN, firewall, and outbound policy.

SD-Switch
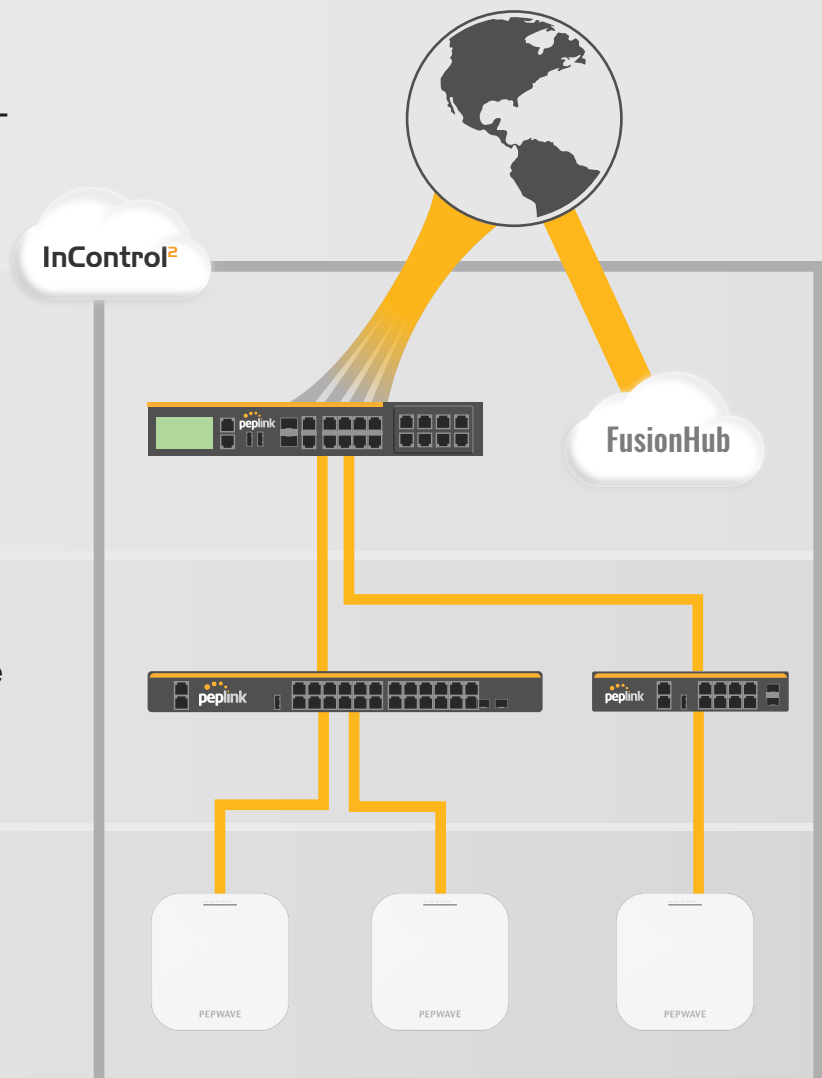Works with InControl to remotely configure and activate PoE ports. Monitor power consumption.

AP One
Works with InControl to centralize SSIDs, radio settings, and deliver captive portals.

InControl²

FusionHub

Product Code	APO-AX
Ethernet Port	1x 2.5 Multigigabit Ethernet
Wi-Fi Standard	1x 2.4Ghz 802.11b/g/n/ax 1x 5Ghz 802.11a/n/ac/ax
Data Rates	4X4 MU-MIMO 2.4 GHz: up to 1148 Mbps 5 GHz: up to 2400 Mbps
Channel Width	20/40/80 MHz
Recommended Concurrent Users per Radio	256
SSID Per Radio	16
Transmit Power	2412 – 2472 MHz: up to 17dBm 5180 – 5825 MHz: up to 17dBm
Included Antenna	Built-in Omni Antenna Antenna gain: 2.7 – 5dBi for 2.4GHz, 3.8 – 5.6dBi for 5GHz
Enclosure	Plenum-rated, Indoor Plastic
Dimensions	8.1 x 8.1 x 1.3 inches 205 x 205 x 32 mm
Weight	1.73 pounds 785 grams
Power Input	DC Jack: 12V DC AC Adapter: AC Input 100V − 240V, DC Output 12V, 3A* 802.3 at PoE #
Power Consumption	24W (max.)
Operating Temperature	32° - 104°F 0° - 40°C
Certifications	FCC, CE, RoHS
Warranty	1 Year Limited Warranty

1.3 inches
32 mm

8.1 inches
205 mm

8.1 inches
205 mm

802.3 at
PoE#

12V DC
Connector
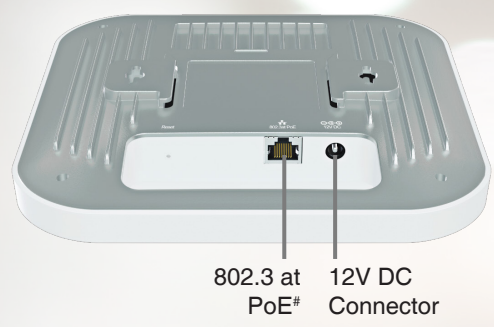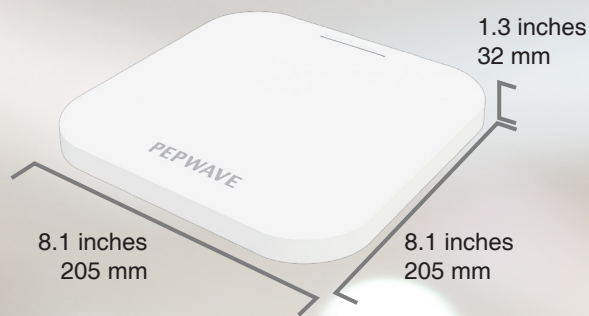
* Optional feature.
# PoE Injector is available separately.

Network
Bridge Mode
Router (NAT) Mode
Wireless Distribution System (WDS)
Support for PPPoE, Static IP, DHCP
Management VLAN
Spanning Tree Protocol

Radio
Multiple SSID
Auto Channel Selection
Transmit Power Adjustment
Neighbor AP Detection

AP Security
Open
WPA/WPA2/WPA3-Personal
WPA/WPA2-Enterprise

Device Management
Web Administrative Interface
InControl Cloud Management
Peplink AP Controller
SNMP v1, v2c and v3

Client Management
Per SSID
VLAN with QoS (802.1p/802.1q)
Bandwidth Control
MAC Address Filtering
Layer 2 Client Isolation
Limit on Max. Number of Client
Per Client
VLAN with RADIUS
VLAN with VLAN Pool
Bandwidth Control
Multicast Filter
IGMP Snooping/Multicast Enhancement

Captive Portal by InControl

Package Contents
AP ONE AX
Ceiling Mount
Screw Kit

Ordering Information

Product Code	Description
APO-AX	4x4 MIMO Wi-Fi 6 AP for Business, manageable by InControl 2. Simultaneous Dual-Band 802.11ax/ac/b/g/n

Add-on Feature

Product Code	Description
ACW-107	802.3af/at PoE Injector. Compatible with MAX Hotspot and AP One AX
ACW-602	1x12V3A Power Supply. Compatiable with MAX HD2 and AP One AX

peplink | PEPWAVE