



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

SSID Management

SSID	Security	SSID Visibility	Radio Selection
Production	WPA2-Personal	✓	2.4GHz band only
DEV1_40	WPA2-Personal	✓	2.4GHz band only
DEV2_50	WPA2-Personal	✓	5GHz band only
Production_T1	WPA2-Personal	✓	5GHz band only
DEV1_T1	WPA2-Personal	✓	2.4GHz band only
DEV2_T1	WPA2-Personal	✓	5GHz band only
DEV1_T2	WPA2-Personal	✓	2.4GHz band only
DEV2_T2	WPA2-Personal	✓	5GHz band only

Usage Report

Usage Report

Time Usage: Hourly Daily Monthly Quarterly Yearly All Time

Device Selection: All By product By tag

Daily Report

Daily Usage

Usage (MB)

Download Upload Total

Day	Download	Upload	Total
2020-07-13	52.90 GB	17.21 GB	70.11 GB
2020-07-12	34.96 GB	2.61 GB	37.57 GB
2020-07-11	18.24 GB	7.91 GB	26.15 GB

Searchable Event Log

Search & Filter

Type: All Error Warning Info

Event Log

Type	Details
Warning	Warning: The system is low on memory.
Warning	Warning: The system is low on disk space.
Warning	Warning: The system is low on network bandwidth.
Warning	Warning: The system is low on power.
Warning	Warning: The system is low on temperature.
Warning	Warning: The system is low on fan speed.
Warning	Warning: The system is low on battery level.
Warning	Warning: The system is low on signal strength.
Warning	Warning: The system is low on signal quality.
Warning	Warning: The system is low on signal stability.
Warning	Warning: The system is low on signal coverage.
Warning	Warning: The system is low on signal range.
Warning	Warning: The system is low on signal speed.
Warning	Warning: The system is low on signal latency.
Warning	Warning: The system is low on signal jitter.
Warning	Warning: The system is low on signal loss.
Warning	Warning: The system is low on signal interference.
Warning	Warning: The system is low on signal noise.
Warning	Warning: The system is low on signal distortion.
Warning	Warning: The system is low on signal fading.
Warning	Warning: The system is low on signal multipath.
Warning	Warning: The system is low on signal scattering.
Warning	Warning: The system is low on signal diffraction.
Warning	Warning: The system is low on signal reflection.
Warning	Warning: The system is low on signal refraction.
Warning	Warning: The system is low on signal diffraction.
Warning	Warning: The system is low on signal refraction.
Warning	Warning: The system is low on signal diffraction.
Warning	Warning: The system is low on signal refraction.

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

Splash Screen

Title Text: Fullbright International Wi-Fi

Title Text Color: #000000

Header Color: #000000

Background Color (Behind Menu): #E8E8E8

Active Tab Text Color: #000000

Inactive Tab Text Color: #000000

General Description: Thanks for using the free Wi-Fi service

General Description Alignment: Auto Left Center Right

General Text Color: #000000

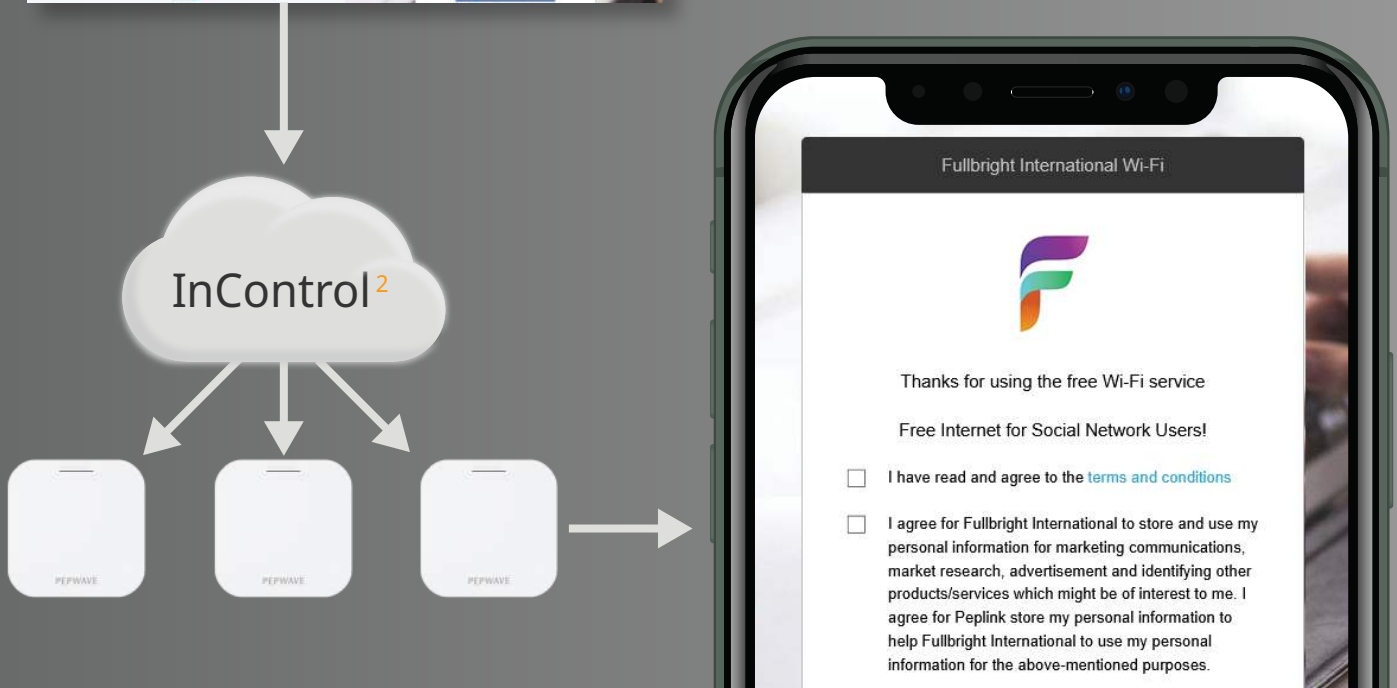
General Button Text Color: #FFFFFF

General Button Link Color: #00A0C0

Footer Color: #000000

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

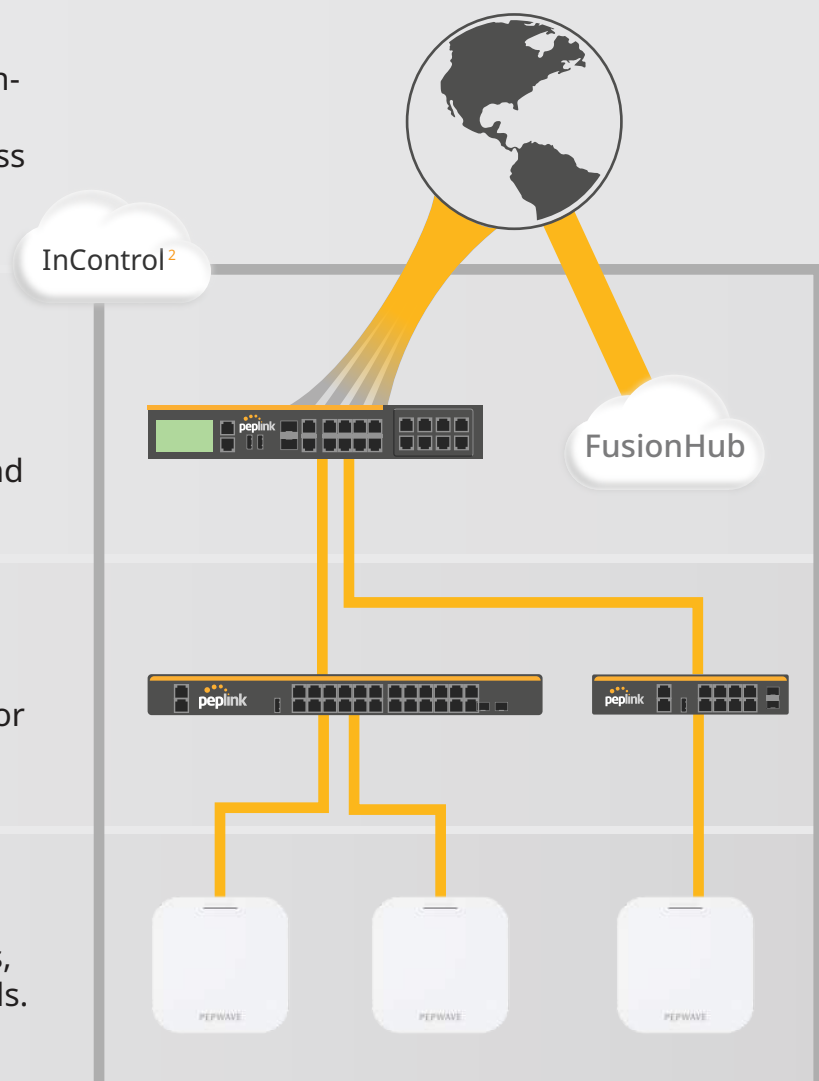
Provides unbreakable connectivity by combining multiple WANs. Works with InControl to centralize VLAN, firewall, and outbound policy.

SD-Switch

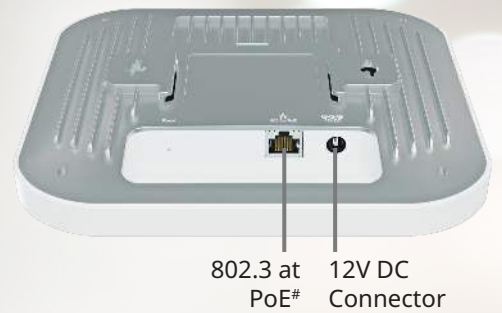
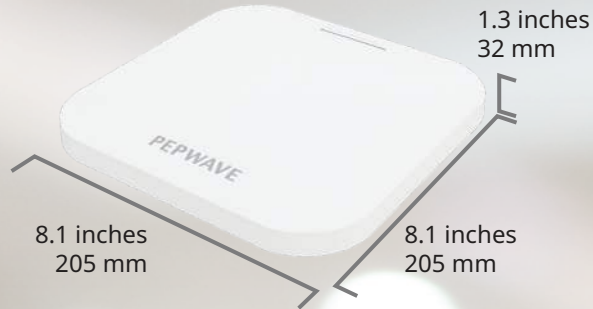
Works with InControl to remotely configure and activate PoE ports. Monitor power consumption.

AP One

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



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	20/40/60/80 MHz
Recommended Concurrent Users per Radio	256
SSID Per Radio	16
Transmit Power	2412 – 2472 MHz: 25dBm 5180 – 5825 MHz: 25dBm
Included Antenna	Built-in Omni Antenna Antenna gain: 5dBi for 2.4GHz, 5dBi 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, 2.5A* 802.3 at PoE #
Power Consumption	23W (max.)
Operating Temperature	32° - 104°F 0° - 40°C
Certifications	FCC, CE, RoHS
Warranty	1 Year Limited Warranty



Package Content AP One AX, Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Mounting Screw Set

* Optional feature.
PoE Injector is available separately.

<p>Network</p> <ul style="list-style-type: none"> Bridge Mode Router (NAT) Mode Wireless Distribution System (WDS) Support for PPPoE, Static IP, DHCP Management VLAN Spanning Tree Protocol IPv6 passthrough <p>Radio</p> <ul style="list-style-type: none"> Multiple SSID Auto Channel Selection Transmit Power Adjustment Neighbor AP Detection 	<p>AP Security</p> <ul style="list-style-type: none"> Open WPA/WPA2/WPA3-Personal WPA/WPA2-Enterprise <p>Device Management</p> <ul style="list-style-type: none"> Web Administrative Interface InControl Cloud Management Peplink AP Controller SNMP v1, v2c and v3 	<p>Client Management</p> <ul style="list-style-type: none"> 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 	<p>Captive Portal by InControl</p> <p>Package Contents</p> <ul style="list-style-type: none"> AP ONE AX Ceiling Mount Screw Kit
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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. Compatible with MAX HD2 and AP One AX