



## 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	✓	2.4 GHz band only
_Guest_2_4G	WPA/WPA2 - Personal	✓	2.4 GHz band only
_Guest_5G	WPA2 - Personal	✓	5 GHz band only
Production_11a	WPA2 - Personal	✓	5 GHz band only
Wireless	WPA2 - Personal	✓	2.4 GHz band only
Wireless_11a	WPA2 - Personal	✓	5 GHz band only
Balance	WPA2 - Personal	✓	2.4 GHz band only
Balance_11a	WPA2 - Personal	✓	5 GHz band only

**Usage Report**

Data Usage:  Hourly  Daily  Monthly Unit:  MB  GB  TB

Device Selection:  All  By products  By tags

**Daily Report**

Daily Usage

Day	Download	Upload	Total
2020-07-13	52.90 GB	17.21 GB	70.11 GB
2020-07-12	14.86 GB	0.67 GB	15.54 GB
2020-07-11	15.34 GB	0.67 GB	16.01 GB

**Searchable Event Log**

Type	Details
system	Time synchronization successful
system	Time synchronization fail
system	Time synchronization successful
system	Time synchronization fail
system	Time synchronization successful
system	Changes applied
system	Changes applied
system	Changes applied
system	InControl has updated the configuration as tags were updated
system	Wi-Fi Configuration has been updated by InControl
system	InControl has updated the configuration as tags were updated

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: #C2C2C3

Header Color: #333333

Background Color (behind tabs): #E6E6E6

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

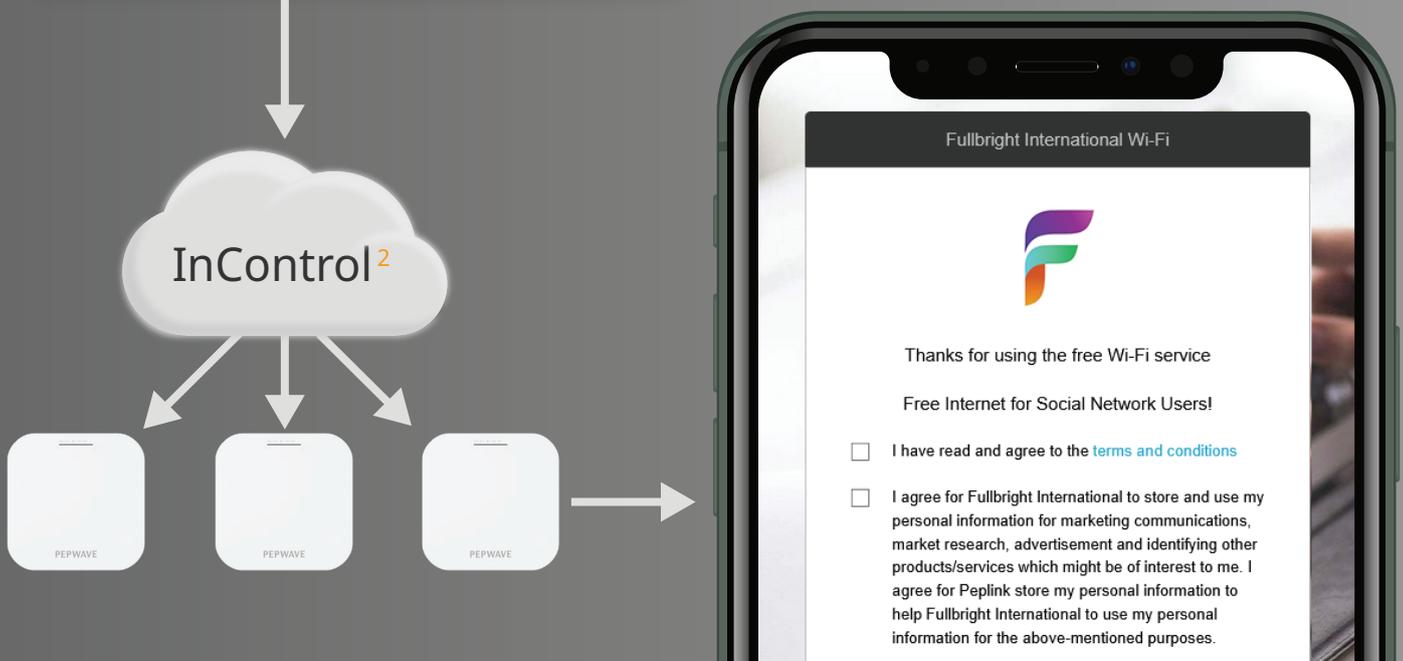
General Button Text Color: #FFFFFF

General Button and Link Color: #2B9ACB

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

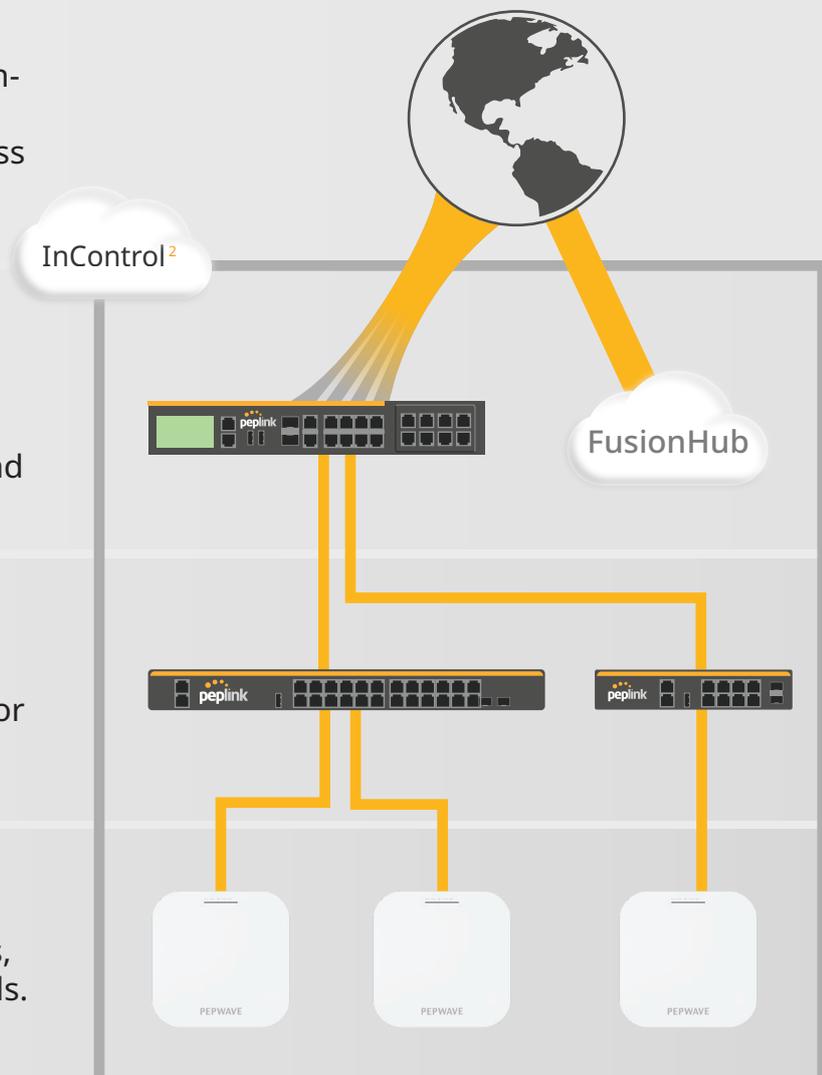
Provides unbreakable connectivity by combining multiple WANs. Works with InControl to centralize VLAN, firewall, and outbound policy.

### SD-Switch

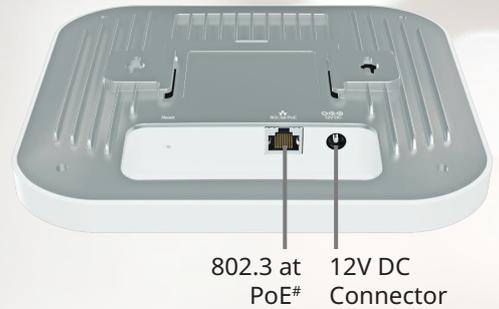
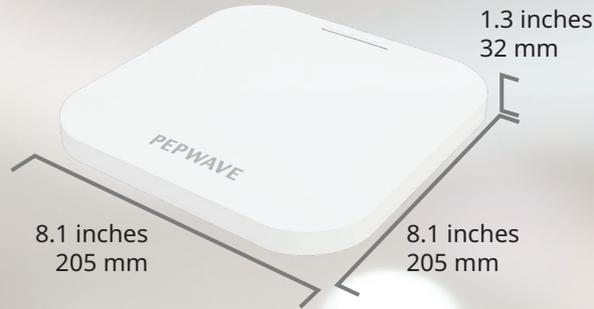
Works with InControl to remotely configure and activate PoE ports. Monitor power consumption.

### AP One

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



<b>Product Code</b>	<b>APO-AX</b>
<b>Ethernet Port</b>	1x 2.5 Multigigabit Ethernet
<b>Wi-Fi Standard</b>	1x 2.4Ghz 802.11b/g/n/ax 1x 5Ghz 802.11a/n/ac/ax
<b>Data Rates</b>	4X4 MU-MIMO 2.4 GHz: up to 1148 Mbps 5 GHz: up to 2400 Mbps
<b>Channel Width</b>	20/40/60/80 MHz
<b>Recommended Concurrent Users per Radio</b>	256
<b>SSID Per Radio</b>	16
<b>Transmit Power</b>	2412 – 2472 MHz: 25dBm 5180 – 5825 MHz: 25dBm
<b>Included Antenna</b>	Built-in Omni Antenna Antenna gain: 5dBi for 2.4GHz, 5dBi for 5GHz
<b>Enclosure</b>	Plenum-rated, Indoor Plastic
<b>Dimensions</b>	8.1 x 8.1 x 1.3 inches 205 x 205 x 32 mm
<b>Weight</b>	1.73 pounds 785 grams
<b>Power Input</b>	DC Jack: 12V DC AC Adapter: AC Input 100V – 240V, DC Output 12V, 2.5A* 802.3 at PoE #
<b>Power Consumption</b>	23W (max.)
<b>Operating Temperature</b>	32° - 104°F 0° - 40°C
<b>Certifications</b>	FCC, CE, RoHS
<b>Warranty</b>	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><b>Network</b></p> <ul style="list-style-type: none"> <li>Bridge Mode</li> <li>Router (NAT) Mode</li> <li>Wireless Distribution System (WDS)</li> <li>Support for PPPoE, Static IP, DHCP</li> <li>Management VLAN</li> <li>Spanning Tree Protocol</li> <li>IPv6 passthrough</li> </ul> <p><b>Radio</b></p> <ul style="list-style-type: none"> <li>Multiple SSID</li> <li>Auto Channel Selection</li> <li>Transmit Power Adjustment</li> <li>Neighbor AP Detection</li> </ul>	<p><b>AP Security</b></p> <ul style="list-style-type: none"> <li>Open</li> <li>WPA/WPA2/WPA3-Personal</li> <li>WPA/WPA2-Enterprise</li> </ul> <p><b>Device Management</b></p> <ul style="list-style-type: none"> <li>Web Administrative Interface</li> <li>InControl Cloud Management</li> <li>Peplink AP Controller</li> <li>SNMP v1, v2c and v3</li> </ul>	<p><b>Client Management</b></p> <ul style="list-style-type: none"> <li>Per SSID</li> <li>VLAN with QoS (802.1p/802.1q)</li> <li>Bandwidth Control</li> <li>MAC Address Filtering</li> <li>Layer 2 Client Isolation</li> <li>Limit on Max. Number of Client</li> <li>Per Client</li> <li>VLAN with RADIUS</li> <li>VLAN with VLAN Pool</li> <li>Bandwidth Control</li> <li>Multicast Filter</li> <li>IGMP Snooping/Multicast Enhancement</li> </ul>	<p><b>Captive Portal by InControl</b></p> <p><b>Package Contents</b></p> <ul style="list-style-type: none"> <li>AP ONE AX</li> <li>Ceiling Mount</li> <li>Screw Kit</li> </ul>
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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