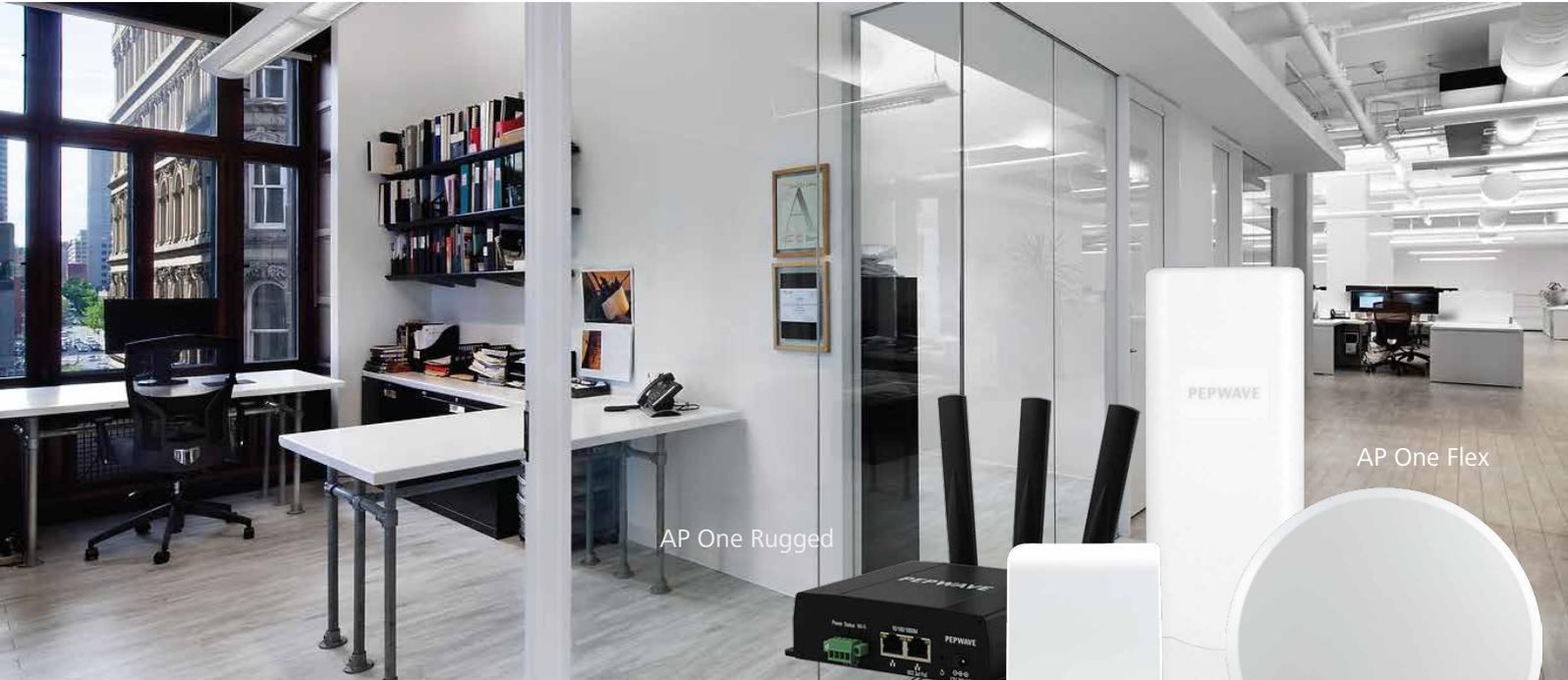


# AP One

Fast, Secure and Manageable Enterprise Wireless for Every Environment



Pepwave AP One access points deliver enterprise-grade performance, the flexibility to deploy anywhere, and easy setup and management. From the tiny but mighty AP One AC Mini to the super tough AP One Flex, the AP One series offers fast, secure, long-range Wi-Fi that goes wherever you do.

AP One AC mini

AP One In-Wall

AP One Enterprise

All-Weather  
Enclosure

Rugged  
Electronics

Central Reporting &  
Management

**InControl<sup>2</sup>**

Setup. Manage. Report.  
InControl 2 Cloud Management

**AP Controller**

AP Controller with  
Peplink Balance Multi-WAN Routers



## Go the Distance.

Our exclusive signal-boosting technology virtually eliminates dead spots and dropouts. You get full transmit power across all channels, unmatched range and reliability with less equipment and less management effort.

## Go for Easier AP Management.

It's simple to configure AP One series access points wherever you work. For onsite management, you have complete control and comprehensive reporting from any Peplink Balance/MAX<sup>#</sup> router. And with InControl 2, our cloud management solution, you get real-time client lists and bandwidth activity, plus a handy device snapshot, all from any device running a supported web browser.

## Go Wireless Anywhere.

Indoors or outdoors, there's an AP One access point for any job.

### AP One Flex

The AP One Flex features an IP55 all-weather enclosure and provides seamless coverage over large areas.

### AP One Rugged

Housed in tough metal enclosures and easy to integrate with the rest of your network, the AP One Rugged set the standard for high-performance, low-maintenance indoor Wi-Fi.

### AP One In-Wall

The AP One In-Wall mounts on a standard electrical outlet box for installations without big boxes or nests of wires.

### AP One AC mini

Compact and capable, the AP One AC mini delivers true AP One power in a palm-sized package that fits in your pocket.

### AP One Enterprise

Powered by PoE, the AP One Enterprise has 3x3 MIMO dual-radio Wi-Fi transmits wireless data at up to 1750Mbps. You can mount it directly to the ceiling at office.

<sup>#</sup>MAX routers include MAX 700 & HD series only.



# Applications

## For SMBs – Setup, Manage, and Monitor Office Wi-Fi from Your Peplink Balance/MAX#



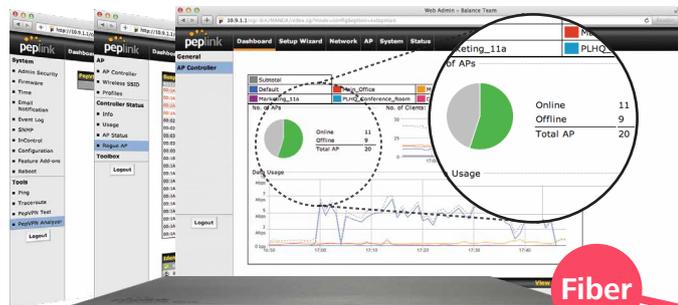
**2** Power-on AP One access points and connect them to your office LAN with Ethernet cables



**3** Sit back while your Balance One automatically configures your access points

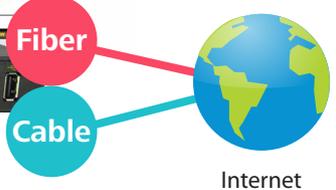
**4** Web blocking keeps your staff out of unwanted websites and help them stay productive

**5** Get detailed access point usage reports anytime, right from your Balance One



Balance One

**1** Provision AP One access points with the Balance One's built-in **AP Controller**



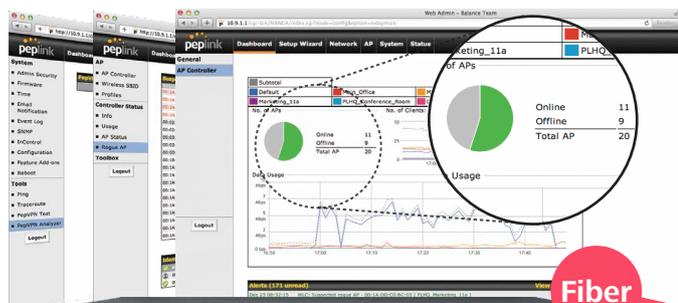
## For Hospitality – Offer Guest Hotspots Complete with Captive Portals



**3** AP One Flex can deliver guest Wi-Fi while connecting Ethernet-enabled devices, such as surveillance cameras

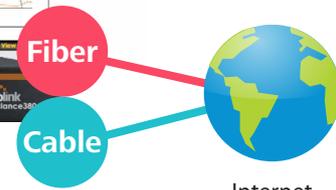
**4** Web blocking keeps your guests out of unwanted websites

**5** View detailed usage reports right from your Balance 380



Balance 380

**1** Setup custom portal and T&C pages, as well as optional time- or usage-based quotas you can monitor using the Balance 380's intuitive interface



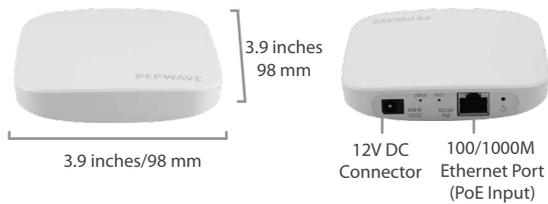
**2** Guests connect to your Wi-Fi hotspot, accept T&C on your captive portal, and start surfing

\* Requires 48V Pepwave passive PoE input, available separately.

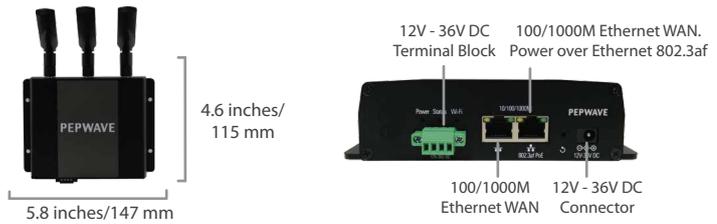
# Specifications

|  | AP One AC Mini   | AP One Rugged  | AP One Enterprise  | AP One In-Wall  | AP One Flex  |
|--|--|--|--|---|--|
| Product Code                           | APO-AC-MINI  | APO-RUG  | APO-ENT  | APO-AGN2-IW-US/APO-AGN2-IW  | APO-FLX  |
| Ethernet Port                          | 1x GE  | 2x GE  | 2x GE  | 1x FE Uplink<br>4x FE   | 2x GE  |
| Wi-Fi Standard                         | Simultaneous 802.11ac/a/n<br>and 802.11b/g/n                                   | Simultaneous 802.11ac/a/n<br>and 802.11b/g/n                                 | Simultaneous 802.11ac/a/n<br>and 802.11b/g/n                             | Simultaneous 802.11a/n<br>and 802.11b/g/n   | Simultaneous 802.11ac/a/n<br>and 802.11b/g/n   |
| Data Rates                             | 2x2 MIMO<br>2.4 GHz: 300Mbps<br>5GHz: 866Mbps                                  | 3x3 MIMO<br>2.4GHz: 450Mbps<br>5GHz: 1300Mbps                                | 3x3 MIMO<br>2.4GHz: 450Mbps<br>5GHz: 1300Mbps                            | 2x2 MIMO<br>2.4 GHz: 300Mbps<br>5 GHz: 300Mbps  | 2x2 MIMO<br>2.4 GHz: 300Mbps<br>5 GHz: 866Mbps                                       |
| Recommended Concurrent Users Per Radio | 60   | 60   | 60   | 60  | 60   |
| SSID Per Radio                         | 16   | 16   | 16   | 16  | 16   |
| Transmit Power                         | 2412 – 2472 MHz: 23dBm<br>5180 – 5825 MHz: 17dBm                               | 2412 – 2472 MHz: 24dBm<br>5180 – 5825 MHz: 22dBm                             | 2412 – 2472 MHz: 24dBm<br>5180 – 5825 MHz: 23dBm                         | 2412 – 2472 MHz: 17dBm<br>5180 – 5825 MHz: 17dBm                                      | 2412 – 2472 MHz: 26dBm<br>5180 – 5825 MHz: 26dBm                                     |
| Included Antenna                       | Built-In Omni Antenna<br>Antenna gain: 2dBi for<br>2.4GHz, 4dBi for 5GHz       | 2x Dual-Band Omni Antenna<br>Antenna gain: 3dBi for 2.4GHz,<br>5dBi for 5GHz | Built-in Omni antenna<br>Antenna gain: 3dBi for 2.4GHz,<br>4dBi for 5GHz | Built-In MIMO Omni Antenna<br>Antenna gain:<br>2dBi for 2.4GHz, 4dBi for 5GHz         | Built-In MIMO Directional Antenna<br>Antenna gain:<br>6dBi for 2.4GHz, 9dBi for 5GHz |
| Antenna Connector                      | N/A  | 2x RP-SMA Connectors   | N/A  | N/A   | N/A  |
| Enclosure                              | Plenum-rated,<br>Indoor Plastic  | Ruggedized<br>Metal  | Plenum-rated,<br>Indoor Plastic  | Plenum-rated, Indoor Plastic .<br>Mounts Into Standard US/EU<br>Single Gang Wall Jack | Waterproof IP55 Outdoor  |
| Weight                                 | 0.33 pounds<br>150 grams   | 0.93 pounds<br>420 grams   | 0.57 pounds<br>260 grams   | 0.37 (US) / 0.34 pounds<br>170 (US) / 155 grams                                       | 1.15 pounds<br>520 grams   |
| Power Input                            | AC Input 100V – 240V,<br>DC Output 12V, 802.3af PoE<br>(Injector Not Included) | AC Input 100V – 240V,<br>DC Output 12V,<br>802.3af PoE                       | 802.3af PoE<br>(Injector Not Included)                                   | 48V DC Connector<br>802.3af/802.3at PoE   | Pepwave Passive PoE: 24V DC  |
| Power Consumption                      | 12W (max.)   | 13W (max.)   | 13W (max.)   | 15W (max.)  | 25W (max.)   |
| Operating Temperature                  | 23° - 113°F<br>-5° - 45°C  | -4° - 149°F<br>-20° - 65°C   | 23° - 113°F<br>-5° - 45°C  | -4° - 104°F<br>-20° - 40°C  | -40 - 122°F<br>-40 - 50°C  |
| Humidity                               | 15% – 95% (non-condensing)   |  |  |   |  |
| Certifications                         | FCC, CE, RoHS  |  |  |   |  |
| Warranty                               | 1-Year Limited Warranty  |  |  |   |  |

## AP One AC Mini



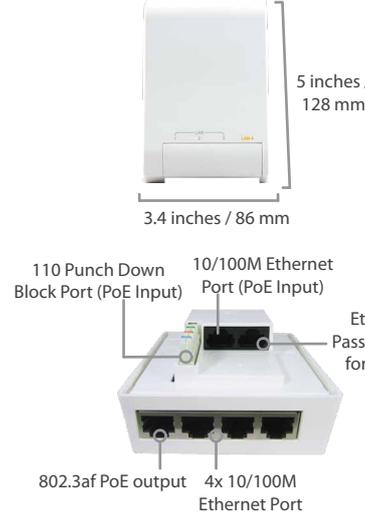
## AP One Rugged



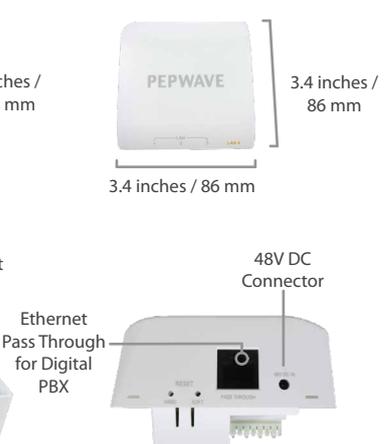
## AP One Enterprise



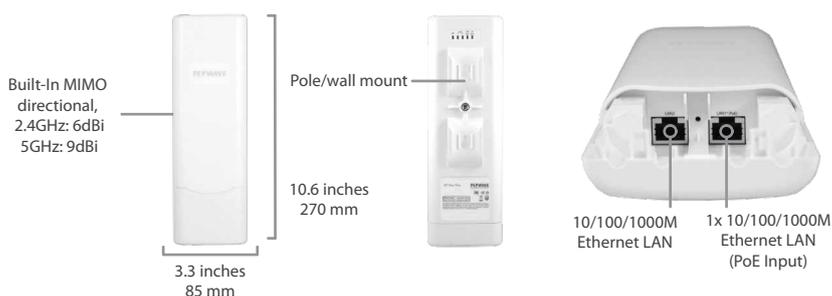
## AP One InWall (US)



## AP One InWall (International)



## AP One Flex



## Accessory – Wall/Pole Mount with Ball Joint for IP55 Outdoor Products ^

Flexible ball joint allows for high-precision installation



^ Available separately.

[www.peplink.com](http://www.peplink.com)