



PRODUCT DATASHEET  
AP One In-Wall

Wall Mountable with  
4-Port Switch

peplink | PEPWAVE

# AP One In-Wall



Plenum Rated

## Wall-Mountable and Plenum Rated

Mount your access point to any single-gang wall box. The In-Wall is plenum-rated and fire-resistant, making it a great choice for accessible but out-of-the-way installations.



## Simultaneous Dual-Band

Reduce Wi-Fi congestion and interference. Simultaneous dual-band Wi-Fi on the AP One In-Wall gives you two independent networks that work together, so all of your devices can connect without clashing.

5GHz 300Mbps 2.4GHz 300Mbps



## 4-Port Switch

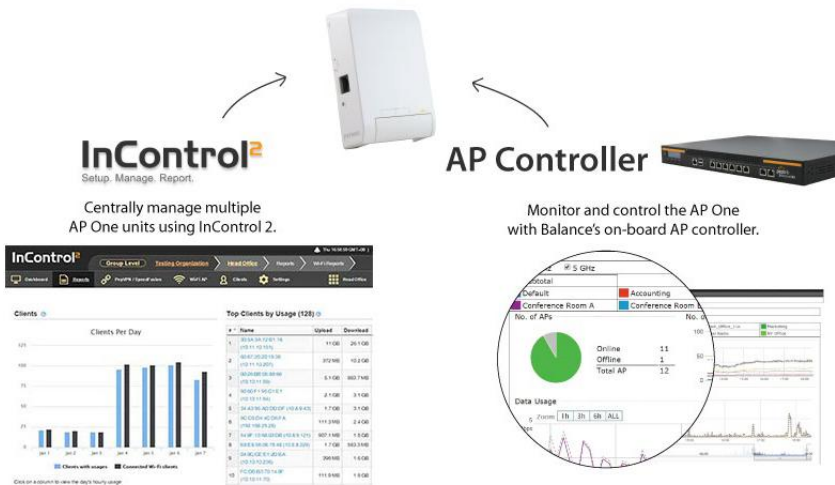
Connect to all your devices, wired and wireless. Hooking up printers, TVs, and other wired devices is easy using the built-in 4-port switch and PoE output.



## User Access Control

Control network access with separate logins for each user group. AP One access points support up to 16 SSIDs, each with independent bandwidth limits and web blocking.





## Centralised Management

Configure AP One access points onsite or from the cloud. Our AP Controller lets you locally manage access points from your Balance router, while InControl2 offers a complete cloud-based solution accessible from any web-browser.



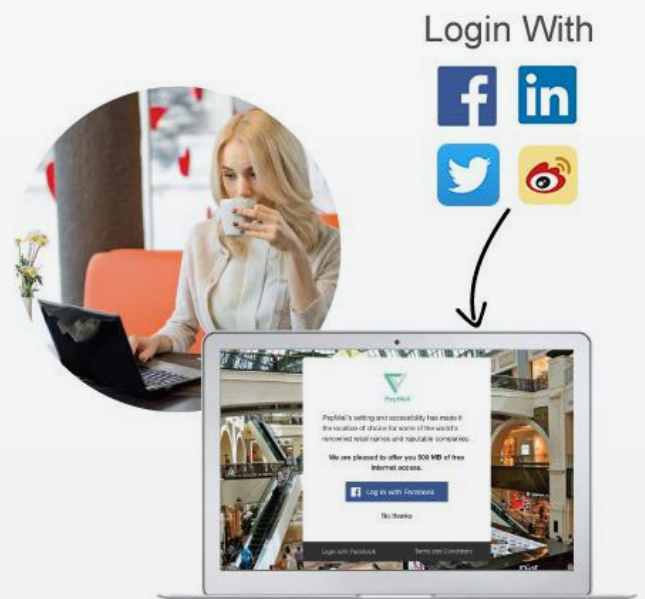
## Complete Network Solution

Enjoy better network integration and performance. AP One access points are a perfect complement to Balance routers, together providing blazing speed and superior reliability across your entire network.

## Social Wi-Fi Hotspot

Guests can now access your Wi-Fi hotspot with their Facebook login. In exchange, you can learn more about your customer base with insightful reports.

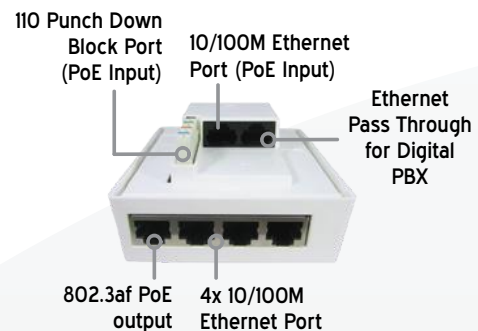
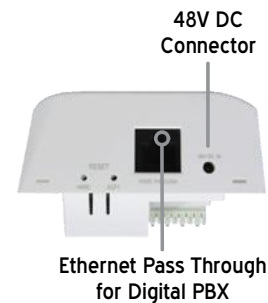
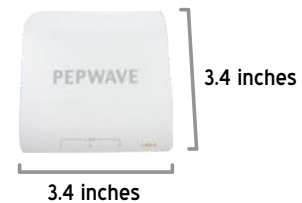
[Learn more about Social Wi-Fi Hotspot >](#)





## SPECIFICATIONS

- **Product Code:** APO-AGN2-IW
- **Ethernet Port:** 1x FE Uplink, 4x FE
- **Wi-Fi Standard:** Simultaneous 802.11a/n and 802.11b/g/n
- **Data Rates:** 2x2 MIMO, 2.4 GHz: 300Mbps, 5 GHz: 300Mbps
- **Recommended Concurrent Users Per Radio:** 60
- **SSID Per Radio:** 16
- **Transmit Power:** 2412 – 2472 MHz: 17dBm, 5180 – 5825 MHz: 17dBm
- **Included Antenna:** Built-In MIMO Omni Antenna, Antenna gain: 2dBi for 2.4GHz, 4dBi for 5GHz
- **Antenna Connector:** N/A
- **Enclosure:** Plenum-rated, Indoor Plastic. Mounts Into Standard EU/Worldwide Single Gang Wall Jack
- **Weight:** 155 grams
- **Power Input:** 48V DC Connector, 802.3af/802.3at PoE
- **Power Consumption:** 15W (max.)
- **Operating Temperature:** -20° – 40°C
- **Humidity:** 15% – 95% (non-condensing)
- **Certifications:** FCC, CE, RoHS
- **Warranty:** 1-Year Limited Warranty
- **Package Content:**  
AP One In-Wall  
Mounting Bracket for EU/Worldwide Single Gang Wall Jack



## ORDERING INFORMATION

Product Code	Product Name	Description
APO-AGN2-IW	AP One In-Wall (EU/Worldwide)	Simultaneous 802.11a/n 300Mbps and 802.11b/g/n 300Mbps. Built-in MIMO omni antenna. 4x 10/100M Ethernet LAN Ports with 1 of them supports 802.3af or Pepwave Passive PoE Output.

## FEATURE ADD-ON

Product Code	Feature Pack	Description
ACW-510	Ball Joint Mount for IP55 Outdoor Products	Wall/pole mount with flexible ball-joint for high-precision installation.



## PoE INJECTOR

Product Code	Description
ACW-107	802.3af/at PoE Injector
ACW-109	PoE Kit for IP55 Outdoor Products
ACW-622	Includes 1x 56V Power Supply. Enables 802.3at/af PoE Output Ports (PoE License automatically applied after kit purchase)
SIM-BK8-4E-56V	SIM Injector, 8x SIM cards capacity, 4x 10/100/1000 LAN ports, 56V DC (compatible with HW revision 4 or above)

## FEATURES

### 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  
Neighbour AP Detection

### 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

### AP Security

Open, WEP  
802.1X with Dynamic WEP  
WPA2-Personal  
WPA2-Enterprise  
WPA/WPA2-Personal  
WPA/WPA2-Enterprise

### Complete VPN Solution

PepVPN  
Site-to-Site VPN  
256-bit AES Encryption  
Pre-shared Key Authentication

### Captive Portal

By InControl  
By Peplink AP Controller

### Device Management

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

### Certification

FCC, CE, RoHS

### Why Rising Connection is using equipment designed and built by Peplink?

- Industry leader in both ISP & Data Bonding across multiple technology platforms
- Reliable hardware from entry level professional equipment through to advanced Enterprises solutions
- Worldwide supported and local support here in Australia by fully trained technicians
- Reliable and secure redundancy paths for mission critical sites
- Designed for maximum possible business uptime

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.