RISING CONNECTION

peplink | PEPWAVE
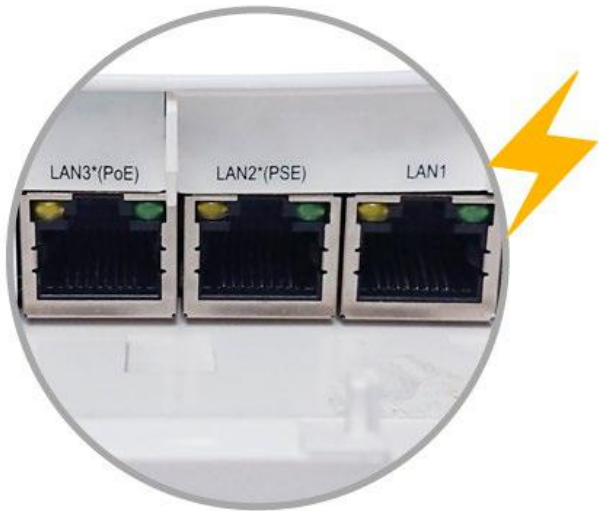
Outdoor IP55 Rated AP

AP One Flex

MIMO Directional Antenna

Forget about outboard antennas. The Flex has MIMO directional antennas built right in.

IP55
-40 - 122°F
-40 - 50°C

Waterproof Enclosure

Provide 11ac Wi-Fi in more places with Flex. The tough IP55 rated enclosure is perfect for outdoor environments as well as other dusty and moist locations.

3-Port Switch

Connect to all of your devices, wired and wireless. Hooking up cameras, video surveillance, and even another AP One Flex is a breeze thanks to a built-in GE port and a PoE input.

16 SSID

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.

InControl²
Setup. Manage. Report.

Centrally manage multiple AP One units using InControl 2.

AP Controller

Monitor and control the AP One with Balance's on-board AP controller.

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 InControl 2 offers a complete cloud-based solution accessible from any web-browser.
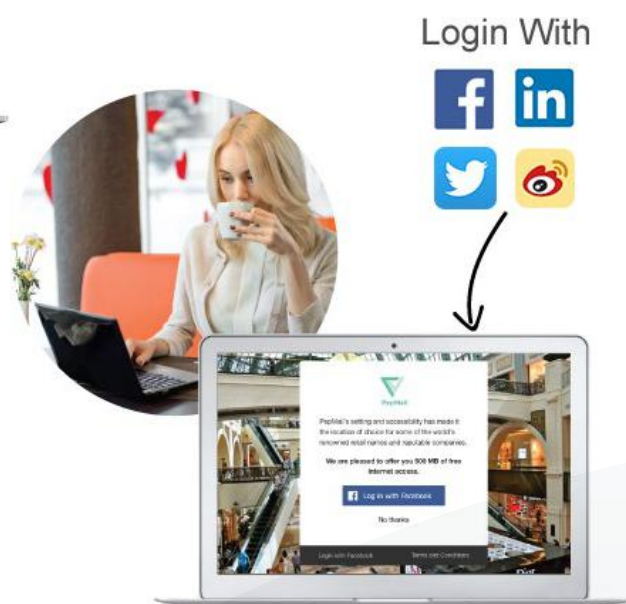
Complete Network Solution

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.

Login With

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 >

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
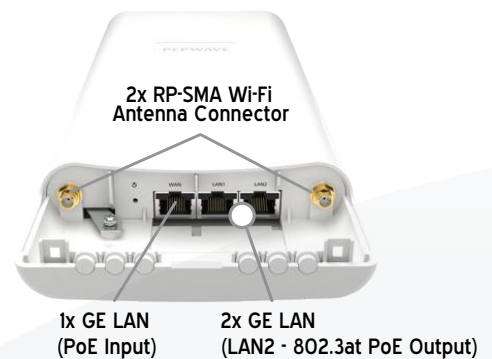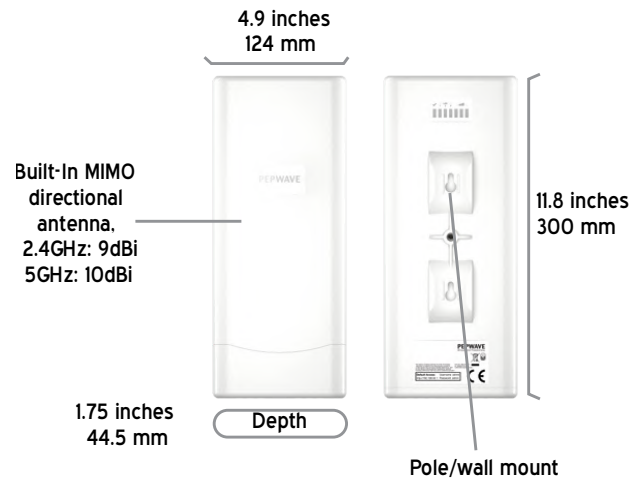Peplink AP Controller
SNMP v1, v2c and v3
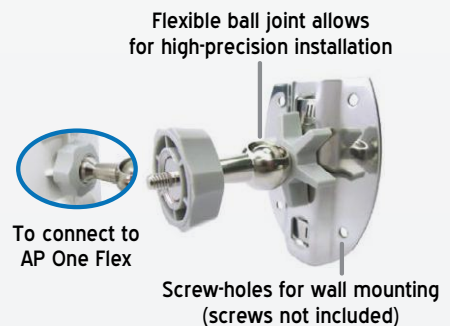
Certification
FCC, CE, RoHS

SPECIFICATIONS

- **Product Code:** APO-FLX

- **Ethernet Port:** 3x GE

- **Wi-Fi Standard:** Simultaneous 802.11ac wave 2/ac/a/n and 802.11b/g/n

- **Data Rates:** 2x2 MU-MIMO, 2.4 GHz: 300Mbps, 5 GHz: 866Mbps

- **Recommended Concurrent Users Per Radio:** 60

- **SSID Per Radio:** 16

- **Transmit Power:** 2412 - 2472 MHz: 20dBm, 5180 - 5825 MHz: 21dBm

- **Included Antenna:** Built-In MIMO Directional Antenna Antenna gain: 9dBi for 2.4GHz, 10dBi for 5GHz

- **Antenna Connector:** 2x RP-SMA Connectors (5GHz)

- **Enclosure:** Waterproof IP55 Outdoor

- **Dimensions:** 300 x 124 x 44.5 mm

- **Weight:** 520 grams

- **Power Input:** 802.3at PoE+ (56V Pepwave Passive PoE Input is Needed for full 1x 802.3at PoE+ LAN Output#)

- **Power Consumption:** 22W (max.)

- **Operating Temperature:** -40 - 55°C

- **Humidity:** 15% − 95% (non-condensing)

- **Certifications:** FCC, CE, RoHS

- **Warranty:** 1-Year Limited Warranty

- **Package Content:** AP One Flex

802.3at output requires the PoE injector (ACW-109), available separately.

4.9 inches
124 mm

Built-In MIMO directional antenna, 2.4GHz: 9dBi 5GHz: 10dBi

11.8 inches
300 mm

1.75 inches
44.5 mm

Depth

Pole/wall mount

2x RP-SMA Wi-Fi Antenna Connector

1x GE LAN (PoE Input)

2x GE LAN (LAN2 - 802.3at PoE Output)

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

Flexible ball joint allows for high-precision installation

To connect to AP One Flex

Screw-holes for wall mounting (screws not included)

^ Available separately.

ORDERING INFORMATION

Product Code	Product Name	Description
APO-FLX	AP One Flex	802.11 ac wave 2/ac/a/n 866Mbps and 802.11b/g/n 300Mbps. MIMO directional antennas: 2.4GHz, 8dBi (65° Horizontal x 60° Vertical); 5GHz, 10dBi (70° Horizontal x 30° Vertical). 3x 10/100/1000M Ethernet Ports with 1x 802.3at PoE Output option.

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 (to power up the AP One Flex)
ACW-109	PoE Kit for IP55 Outdoor Products (to enable 802.3at PoE Output on the second port of AP One Flex)
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)

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.