RISING CONNECTION

peplink | PEPWAVE

Ceiling Mountable 11AC AP

AP One Enterprise

11ac

11ac Access Point

Upgrade your network to 11ac Wi-Fi. Our access points are compatible with the latest smartphones and tablets.

5GHz
1300Mbps

2.4GHz
450Mbps

3x3 MIMO

Simultaneous Dual-Band

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

Plenum Rated Ceiling Mount Enclosure

The plenum-rated, flame-resistant AP One Enterprise is designed with ceiling mount, so it fits just about anywhere in your office.

Plenum Rated

Built-in PoE

Ease your mind with 802.3af PoE input – say farewell to power cables.

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.
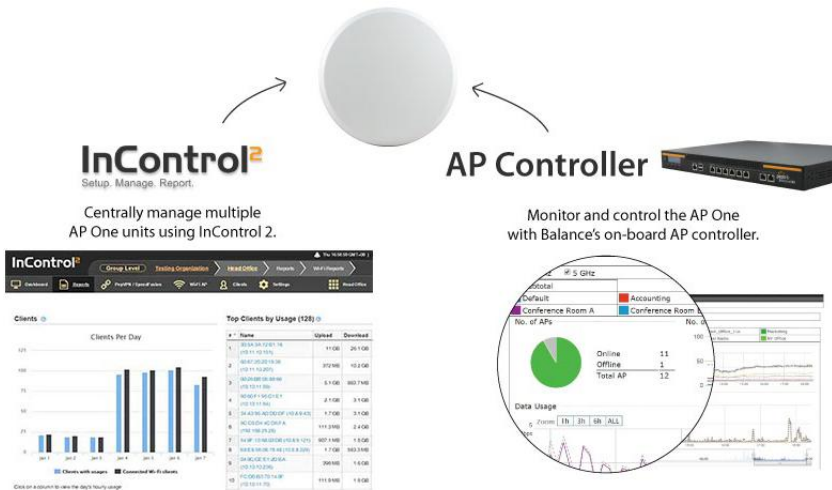
16 SSID

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.*

* Requires Peplink Balance / Pepwave MAX Firmware 6.1.3 for AP Controller support on AP One Enterprise

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 >
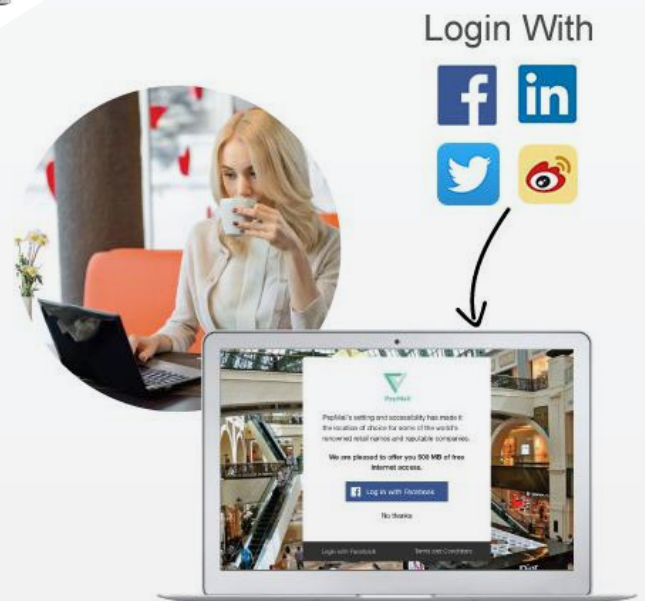
SPECIFICATIONS

- **Product Code:** APO-ENT
- **Ethernet Port:** 2x GE
- **Wi-Fi Standard:** Simultaneous 802.11ac/a/n and 802.11b/g/n
- **Data Rates:** 3x3 MIMO, 2.4 GHz: 450Mbps, 5GHz: 1300Mbps
- **Recommended Concurrent Users Per Radio:** 60
- **SSID Per Radio:** 16
- **Transmit Power:** 2412 - 2472 MHz: 24dBm, 5180 - 5825 MHz: 23dBm
- **Included Antenna:** Built-in Omni antenna, Antenna gain: 3dBi for 2.4GHz, 4dBi for 5GHz
- **Antenna Connector:** N/A
- **Enclosure:** Plenum-rated, Indoor Plastic
- **Weight:** 260 grams
- **Power Input:** 802.3af PoE (Injector Not Included)
- **Power Consumption:** 13W (max.)
- **Operating Temperature:** -5° – 45°C
- **Humidity:** 15% – 95% (non-condensing)
- **Certifications:** FCC, CE, RoHS
- **Warranty:** 1-Year Limited Warranty
- **Package Content:**
  AP One Enterprise
  Mounting Bracket

Status Indicator LED

173 mm

38 mm

100/1000M Ethernet Port
(PoE Input)
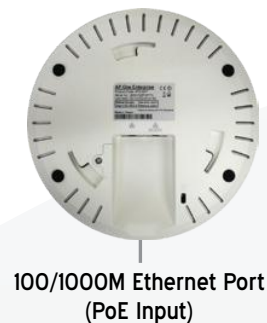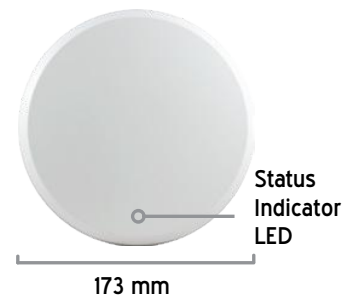
ORDERING INFORMATION

Product Code	Product Name	Description
APO-ENT	AP One Enterprise	Simultaneous 802.11ac/a/n 1300Mbps and 802.11b/g/n 450Mbps. Built-in omni antenna included.

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.