



PRODUCT DATASHEET AP One AX Lite

Ideal for Those Needing an
Enterprise Network Extended

AP One AX Lite

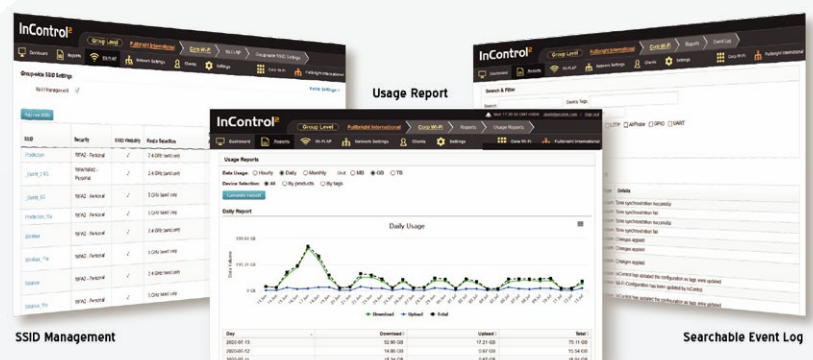


Integrated Wi-Fi 6 Technology



Manage Centrally With No Additional Hardware Needed

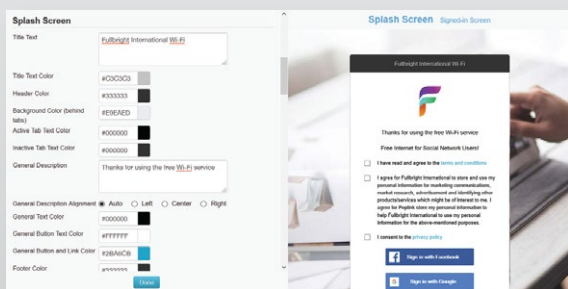
AP One AX Lite comes equipped with InControl central management. Giving users the ability to control and monitor their network from any web browser. Manage network SSIDs, radio settings, and search event logs with ease to diagnose the entire network.



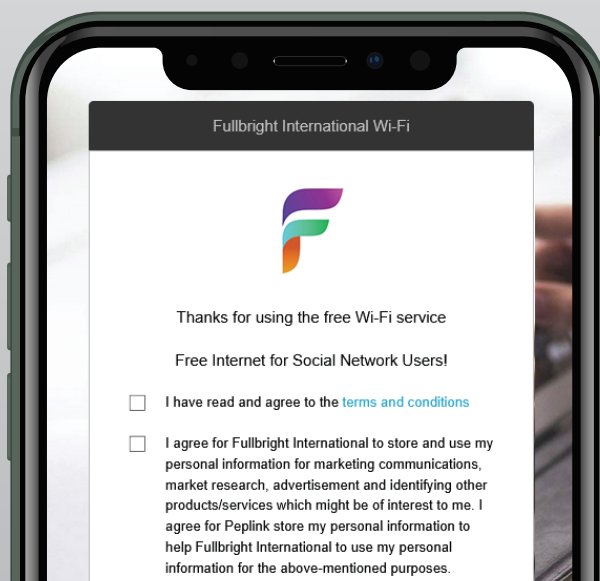


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AP One AX Lite

Turnkey or Custom Captive Portals



Offer users a more branded experience by customising captive portals through InControl.



Wi-Fi Just Got Better

Integrated Wi-Fi 6 is 45% faster than the average Wi-Fi 5, has 4 more device capacity and consumes less power for connected devices.

Enterprise-Grade Roaming Speeds Supports 802.11k/v/r, providing users a seamless roaming experience between access points.





Seamless Peplink SD-WAN Integration

Effortlessly integrate Peplink solutions with AP One AX Lite to provide unique network capabilities and network flexibility, making the whole experience more user friendly.

Centrally Managed with InControl

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

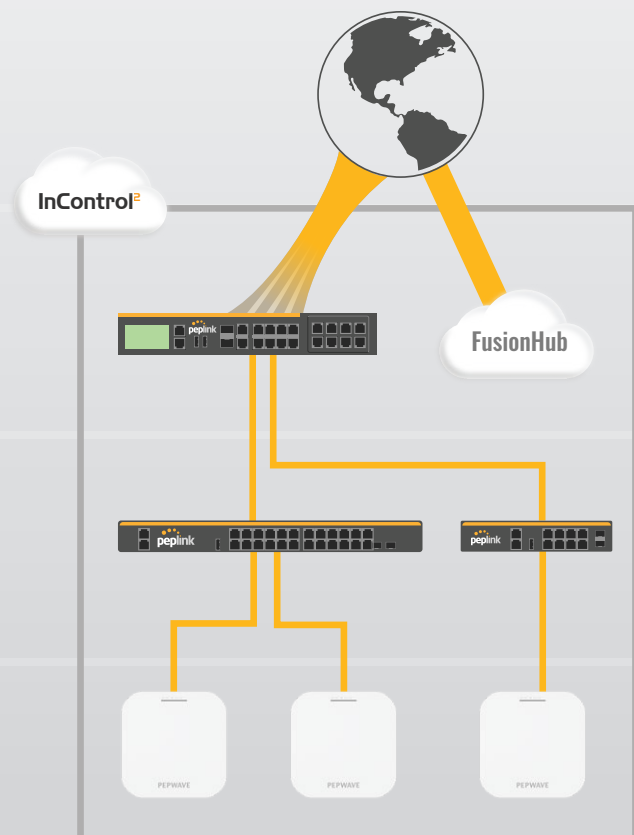
Provides unbreakable connectivity by combining multiple WANs. Works with InControl to centralise VLAN, firewall, and outbound policy.

SD-Switch

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

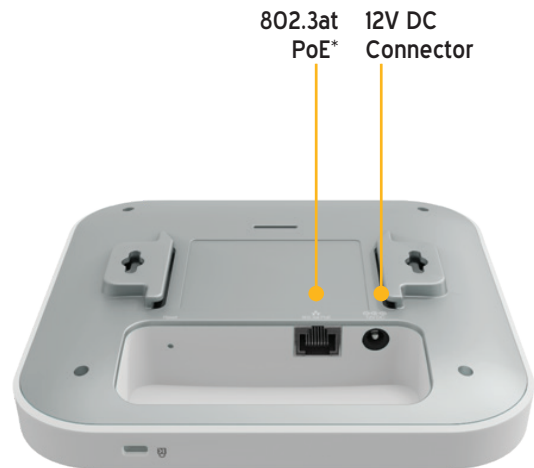
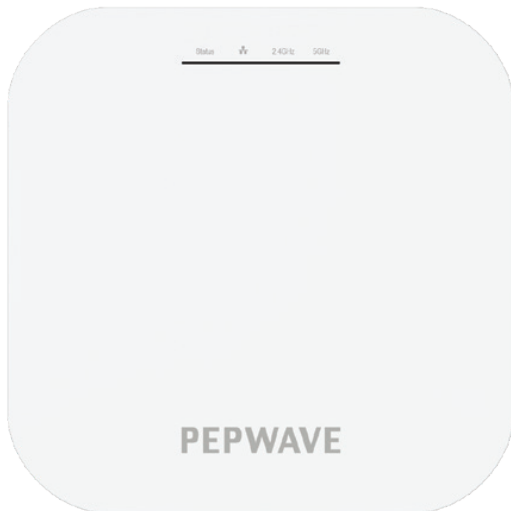
AP One

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





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SPECIFICATIONS

- **Ethernet Port:** 1 x 1Gbps Gigabit Ethernet
- **Wi-Fi Standard:** Simultaneous
1 x 2.4GHz 802.11b/g/n/ax, 1 x 5GHz 802.11a/n/ac/ax
- **Radio Chains/Streams:** 2 x 2:2
- **Data Rates:** 2.4 GHz: up to 574 Mbps,
5 GHz: up to 1200 Mbps
- **Channel Width:** 20/40/80 MHz
- **Recommended Clients Per Radio:** 256
- **SSID Per Radio:** 16
- **Maximum Transmit Power (Single Chain):**
2412 – 2472 MHz: 19dBm, 5180 – 5825 MHz: 19dBm
- **Antenna:** Built-in Omni Antenna: 2 x 3dBi - 2.4GHz,
2 x 3dBi - 5GHz
- **Enclosure:** Plenum-rated enclosure
- **Dimensions:** 160 x 160 x 33 mm
- **Weight:** 382 grams
- **Power Input:** 12V DC Jack (Plug 5.5 x 2.1 mm, center positive)* 802.3at PoE*
- **Power Consumption:** 14.5W (max.)
- **Operating Temperature:** 0 - 40°C
- **Certifications:** FCC, CE, RoHS
- **Warranty:** 1-Year Limited Warranty
- **Package Content:** AP One AX Lite, Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Mounting Screw Set

* AC/DC adapter and PoE Injector are not included.



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FEATURES

Network

Bridge Mode
Router (NAT) Mode
Mesh
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 Clients
Per Client
VLAN with RADIUS
VLAN with VLAN Pool
Bandwidth Control
Multicast Filter
IGMP Snooping/Multicast
Enhancement

AP Security

Open
WPA/WPA2/WPA3-Personal
WPA/WPA2-Enterprise

Captive Portal

By InControl

Device Management

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

ORDERING INFORMATION

Product Code	Product Name	Description
APO-AX-LITE	AP One AX Lite	2 x 2 MU-MIMO Wi-Fi 6 AP for business, manageable by InControl. Simultaneous Dual-Band 802.11ax/ac/b/g/n

FEATURE ADD-ON

Product Code	Description
ACW-107	802.3af/at PoE Injector. Compatible with MAX Hotspot and AP One AX Series
ACW-602	1x 12V 3A Power Supply. Compatible with MAX HD2 and AP One AX Series

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.