PEPWAVE

AP One **Enterprise**

It Just Keeps Getting Better

TAA COMPLIANT

Tri-Band 2.4 / 5 / 6 GHz

Wi-Fi **7**

10G GE

AP One Enterprise

Tri-Band Wi-Fi 7

Unlock the interference-free 6GHz band for smoother performance, even in device-dense business environments.

6GHz

5GHz

2.4GHz

Wireless Mesh

Expand your reach, wires are optional. Extend coverage instantly without expensive cabling. The tri-band design provides the extra capacity needed to expand your network without compromising stability.

AP One Enterprise

Wi-Fi 7

10G

2.5G

2.5G

Dual 10G
Ethernet Ports

Unlock the full potential of Wi-Fi 7 with 10G backhaul. The additional port bridges remote switches and wired devices with full line-rate performance, addressing the needs of demanding enterprise environments.

AP One Enterprise

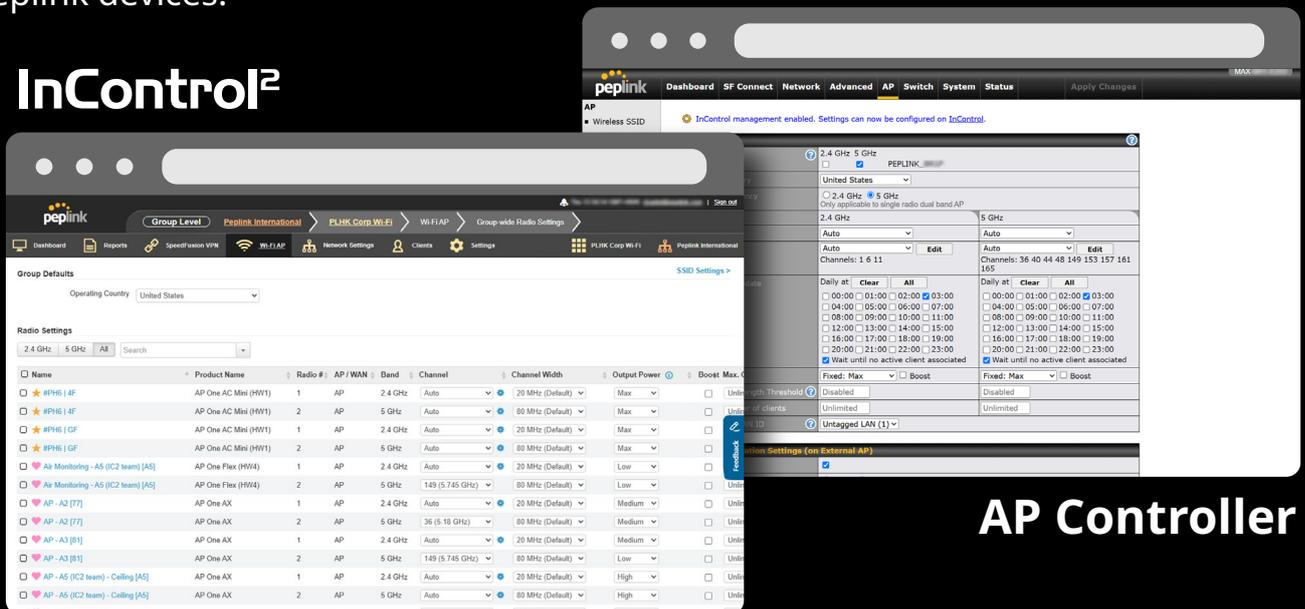PEPWAVE

Customizable
Captive Portal

Personalize guest access with branded, flexible, and easy-to-deploy login pages, offering multiple sign-in options and enabling time and usage controls for effective network management.
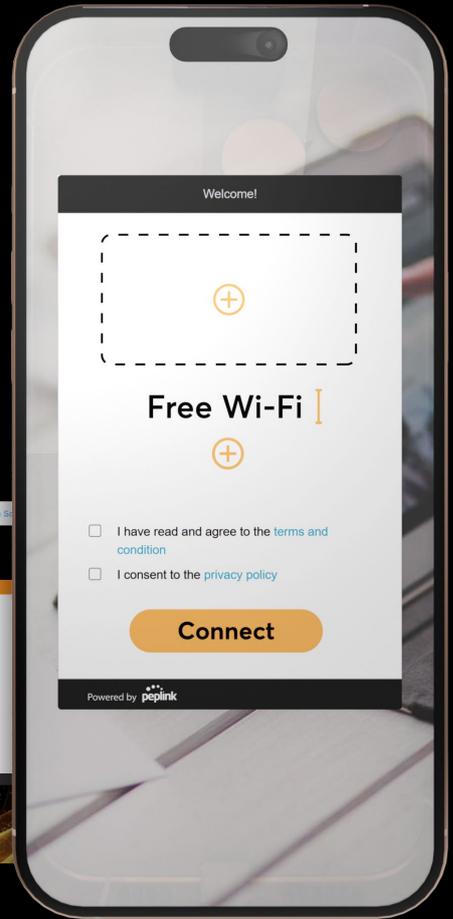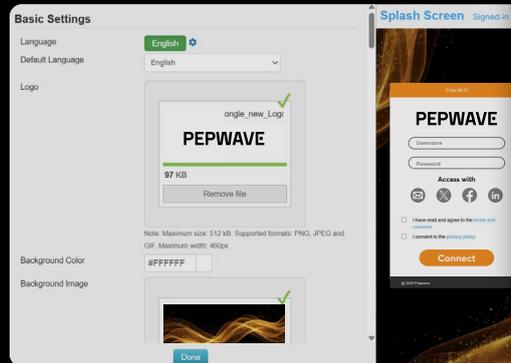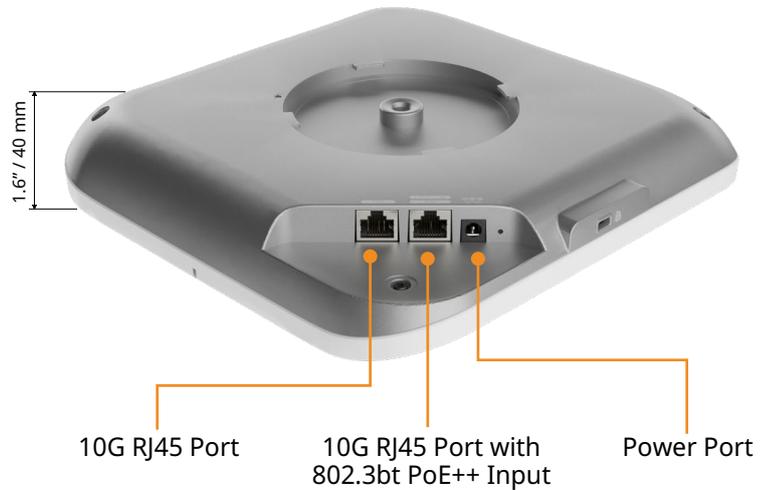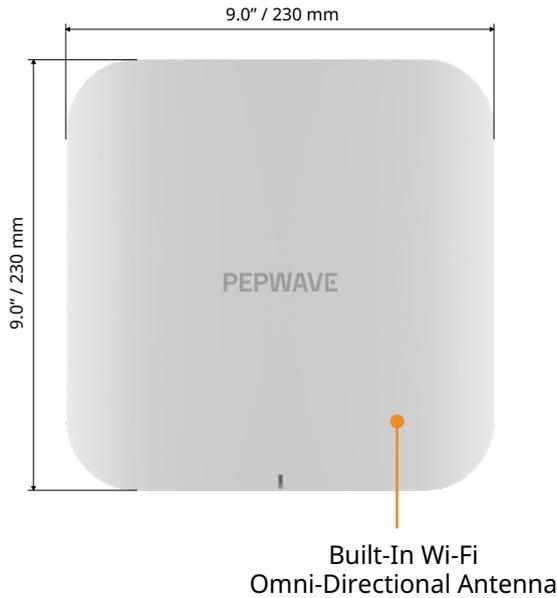
Manage on Your Terms

Manage Wi-Fi networks with the router's built-in AP Controller for full local control, or via InControl for a more unified experience across all your Peplink devices.

InControl²

AP Controller

AP One Enterprise

9.0" / 230 mm

9.0" / 230 mm

PEPWAVE

Built-In Wi-Fi
Omni-Directional Antenna

1.6" / 40 mm

10G RJ45 Port

10G RJ45 Port with
802.3bt PoE++ Input

Power Port

Specifications

Ethernet Ports	2x 10G Multi-Gig Ethernet RJ45	**Power Input**	802.3bt PoE++ [2] DC Jack: 12V 4A DC [2]
Wi-Fi Standard	Simultaneous Tri-Band (2.4GHz/5GHz/6GHz) [1] Wi-Fi 7 4X4 MIMO	**Power Consumption**	37W (nominal) / 39W (max.)
		Operating Temperature	32ºF - 104ºF 0ºC - 40ºC
Data Rates	2.4 GHz: up to 1374 Mbps 5 GHz: up to 5,755 Mbps 6 GHz: Up to 11,511 Mbps	**Warranty**	1-Year Limited Warranty
Channel Width	20/40/80/160/320 MHz	**Network**	Bridge Mode Router (NAT) Mode Mesh Wireless Distribution System (WDS) Support for PPPoE, Static IP, DHCP Management VLAN Spanning Tree Protocol
Recommended Clients per Radio	512		
Multiple SSIDs	16		
Transmit Power	2.4GHz: 25dBm 5GHz: 25dBm 6GHz: 19dBm	**Radio**	Multiple SSID Auto Channel Selection Transmit Power Adjustment Neighbor AP Detection
Antenna	Built-In Omni Antenna		
Antenna Gain	4x 4.6 dBi for 2.4 GHz 4x 5.3 dBi for 5 GHz 4x 4.9dBi for 6 GHz	**AP Security**	Open (No Encryption): 2,4GHz / 5GHz Enhanced Open (OWE): 2.4GHz / 5GHz / 6GHz WPA3 – Personal: 2.4GHz / 5GHz / 6GHz WPA3 – Enterprise: 2.4GHz / 5GHz / 6GHz WPA2/WPA3 – Personal: 2.4GHz / 5GHz WPA2 – Personal: 2.4GHz / 5GHz WPA2 – Enterprise: 2.4GHz / 5GHz WPA/WPA2 – Personal: 2.4GHz / 5GHz WPA/WPA2 – Enterprise: 2.4GHz / 5GHz
Enclosure	Indoor Plastic		
Dimensions	9.1 x 9.1 x 1.6 inches 230 x 230 x 39.5 mm		
Weight	2.8 pounds / 1.27 kg	**Device Management**	Web Administrative Interface InControl Cloud Management Peplink AP Controller SNMP v1, v2c and v3

[1] Support for the 6 GHz band is provided solely in countries where local regulations permit its use.
[2] AC/DC adapter and PoE Injector are not included.
Specifications are subject to change without notice.

AP One Enterprise

Specifications

Client Management	Per SSID	Captive Portal by InControl	
	VLAN with QoS (802.1p/802.1q)		
	Bandwidth Control	**Package Contents**	1x AP One Enterprise
	MAC Address Filtering		2x T-Rail Clips with Screws Set
	Layer 2 Client Isolation		1x Mounting Bracket
	Limit on Max. Number of Clients		1x Mounting Screw Set
			1x L-Shaped Hexagonal Wrench
	Per Client		
	VLAN with RADIUS		
	VLAN with VLAN Pool		
	Bandwidth Control		
	Multicast Filter		
	IGMP Snooping/Multicast Enhancement		

Ordering Information

Product Code	Description
APO-ENTR	AP One Enterprise - 4x4 MIMO Wi-Fi 7 AP for Enterprise, manageable by InControl 2. Supports simultaneous tri-band and is backward compatible with Wi-Fi 6, 5, and 4.

Featured Add-on

Product Code	Description
PRM-A-1Y / PCP-A-1Y	PrimeCare A / PrimeCare+ A (1-Year)
PRM-A-2Y / PCP-A-2Y	PrimeCare A / PrimeCare+ A (2-Year)
PRM-A-4Y / PCP-A-4Y	PrimeCare A / PrimeCare+ A (4-Year)