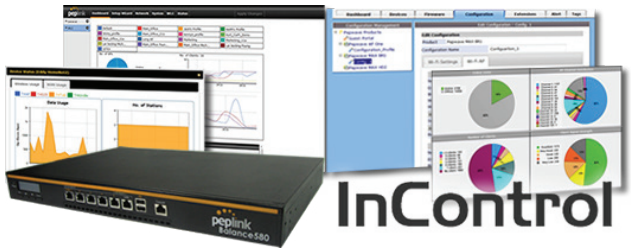
AP One

Rugged Enterprise Access Point

Pepwave AP One access points offer fast, affordable, and dependable wireless networking without administration headaches. Ready for anything and built to go anywhere, AP One access points deliver enterprise-grade Wi-Fi that drops in quickly and immediately gets to work – so you can get back to your work.

Cloud-Based Management. Anywhere, Anytime.

Minimize Wi-Fi management hassles with the AP One series and the Peplink Balance with WLAN Controller. Fully integrated with the Peplink Balance, our WLAN Controller makes it easy to configure, manage, update, and report on up to 500 AP One devices from a single intuitive interface. Prefer the flexibility of cloud-based administration? Our InControl remote management system gives you complete control over every device on your network and in-depth reporting with just a few clicks, all from a simple, yet powerful, web-based tool that's available anywhere you have online access and a supported browser.



Rugged Enterprise Networking. Up for Every Challenge.

The AP One family of access points is engineered with today's increasingly distributed and mobile enterprise in mind. Packed with business-class features and housed in rugged enclosures that withstand vibration and temperatures from -20 to 65°C, AP One access points deliver dependable and fast performance both indoors and outdoors – even in extreme environments. TruePower RF technology eliminates dead spots and interference wherever you deploy your network, and every channel runs at full power to give you greater Wi-Fi coverage with less equipment, maintenance, and cost.

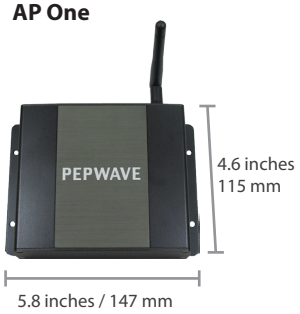
Focus on Your Business. Not Your Network.

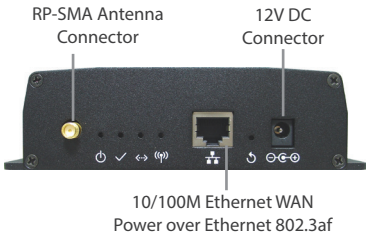
At Pepwave, our job is to take care of the network for you. Our engineers dedicate themselves to bringing you plug-and-play enterprise networking that never sacrifices advanced features or flexibility. Just drop any AP One series access point into your network, configure with a few clicks, and you're up and running. In seconds, you get enterprise-grade Wi-Fi that's tough enough to handle any deployment, easy enough for non-technical personnel to install and manage, and smart enough to get out of your way so you can focus on what you do best.

Specifications

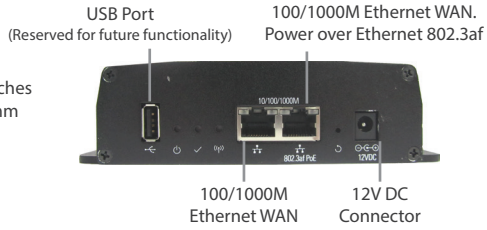
	AP One mini	AP One	AP One 300M	AP One X
Product Code	OAS-AGN1	OAS-GN1-R	APO-AGN	OAS-GN1-RX
WAN Interface	1x 10/100M Ethernet Port	1x 10/100M Ethernet Port	2x 100/1000M Ethernet Ports	1x 10/100M Ethernet Port
LAN Interface	802.11 a/n or 802.11 b/g/n 150Mbps	802.11 b/g/n 150Mbps	802.11 a/n or 802.11 b/g/n 300Mbps	802.11 b/g/n 150Mbps
Wi-Fi Operating Frequency	2412 – 2472 MHz or 5180 – 5825 MHz	2412 – 2472 MHz	2412 – 2472 MHz or 5180 – 5825 MHz	2412 – 2472 MHz
Transmit Power	2412 – 2472 MHz: 17dBm 5180 – 5825 MHz: 17dBm	2412 – 2472 MHz: 20dBm	2412 – 2472 MHz: 17dBm 5180 – 5825 MHz: 17dBm	2412 – 2472 MHz: 20dBm
Included Antenna	5dBi Omni Antenna		2x 5dBi Omni Antenna	8dBi Fiberglass Outdoor Omni Antenna
Antenna Connector	RP-SMA Connector		2x RP-SMA Connector	Female N-Type Connector
Enclosure	Compact Form Factor Indoor Plastic Enclosure	Ruggedized Metal Enclosure	Ruggedized Metal Enclosure	Waterproof (IP67) Outdoor Plastic Enclosure
Weight	0.21 pound 95 grams	0.93 pound 420 grams	0.93 pound 420 grams	1.93 pounds 875 grams
Power Input	AC Adapter: AC Input 100V – 240V, DC Output 12V	AC Adapter: AC Input 100V – 240V, DC Output 12V Power over Ethernet 802.3af (Injector Not Included)	AC Adapter: AC Input 100V – 240V, DC Output 12V Power over Ethernet 802.3af (Injector Not Included)	Power over Ethernet 802.3af (Injector Not Included)
Power Consumption	9 W (max.)	12 W (max.)	11 W (max.)	12 W (max.)
Operating Temperature	-4° – 149°F -20° – 65°C			
Humidity	15% – 95% (non-condensing)			
Certifications	FCC, CE, RoHS			
Warranty	1-Year Limited Warranty			

AP One

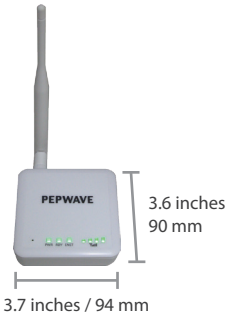


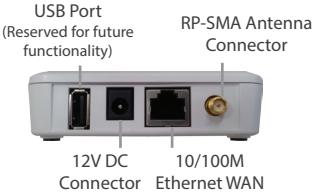


AP One 300M

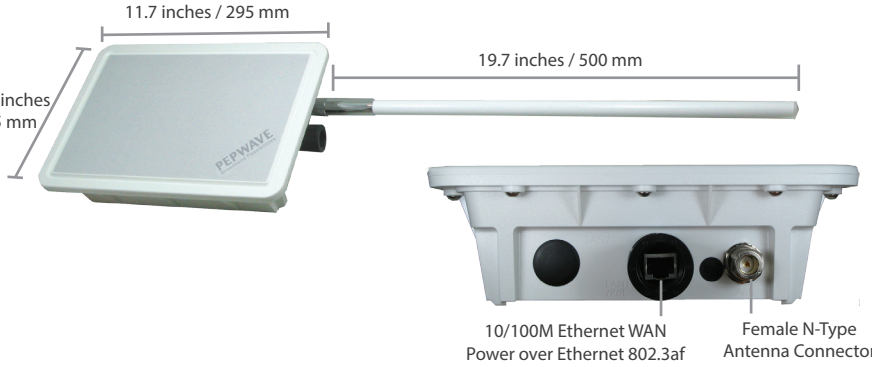


AP One mini





AP One X



Features

Network
Bridge Mode
Router (NAT) Mode
Wireless Distribution System (WDS)
Support for PPPoE, Static IP, DHCP
Management VLAN (802.1p)
Spanning Tree Protocol (802.1d)

Radio
Multiple SSID
Auto Channel Selection
Transmit Power Adjustment
Neighbor AP Detection

Client Managment
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
WPA-PSK/RADIUS
WPA2-PSK/RADIUS

Complete VPN Solution
PepVPN
- Site-to-Site VPN
- 256-bit AES Encryption
- Pre-shared Key Authentication
- Dynamic Routing

Captive Portal
By InControl
By Balance WLAN Controller

Device Management
Web Administrative Interface
InControl Cloud Management
Peplink Balance WLAN Controller
SNMP v1, v2c and v3

Certification
FCC, CE, RoHS

www.wilink.pl

wi link

©Peplink. All rights reserved. Peplink, the Peplink logo, and SpeedFusion are trademarks of Peplink International Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders. All specifications are subject to change without notice.