

# AP Pro

## Rugged Outdoor Wi-Fi that Goes the Distance



Deliver fast and reliable Wi-Fi in even the harshest conditions with the Peplink AP Pro. The AP Pro's sealed, all-metal IP67 enclosure stands up to dirt, water, and extreme temperatures for years of dependable operation in industrial, public safety, transport, and other applications. Built-in PoE gives you more installation options and reduces deployment costs. And intuitive console- and cloud-based control makes configuration and maintenance simple for everyone.

### Heat, Cold, Dust, and Water. All in a Day's Work.

The AP Pro is designed and manufactured with the strictest standards. Built from rugged electronics and tough aircraft-grade aluminum enclosure to seal against water and dust, the AP Pro handles just about anything the factory floor, construction site, or Mother Nature can dish out. The AP Pro can also withstand temperatures from  $-46^{\circ}$  to  $65^{\circ}\text{C}$ , and it's protected against ESD and surges, so it stays up and running in conditions that would quickly shut down other access points.



### TruePower Networking. Up for Every Challenge.

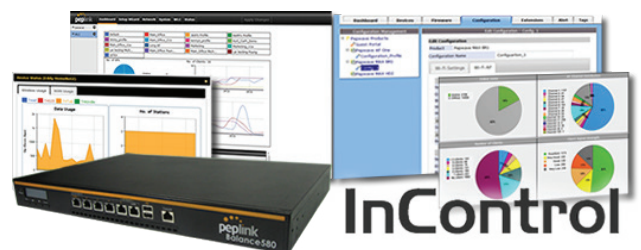
The AP Pro features our TruePower RF technology, which delivers maximum transmission power across all links at even the highest data rates. With TruePower, you get reliable, fast connections at distances that put other radios out of reach.



### Onsite or in the Cloud.

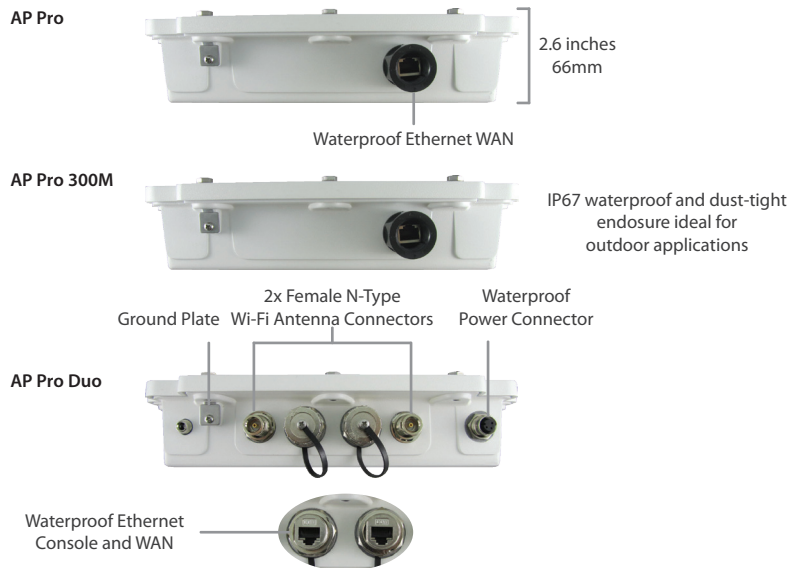
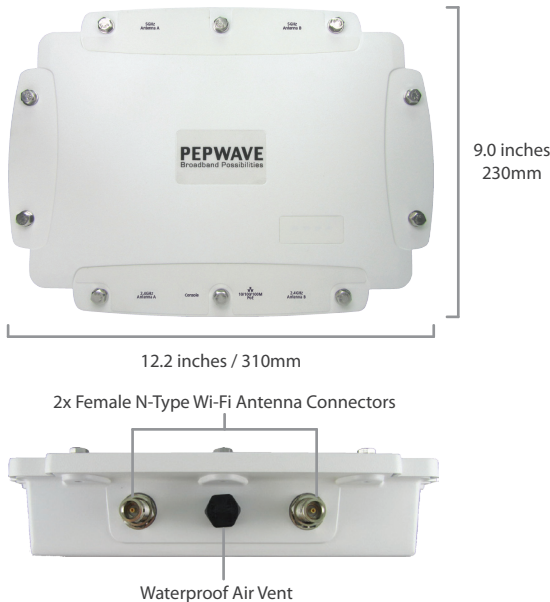
### Complete Control, Just a Click Away.

The AP Pro features Peplink's WLAN Controller for quick and simple onsite setup and configuration. Not onsite? Not a problem. Just open a Web browser and take control anywhere with our cloud-based InControl configuration and administration solution.



# Specifications

	AP Pro	AP Pro 300M	AP Pro Duo
Product Code	APP-GN-EU	APP-AGN-EU	APP-AGN2-EU
WAN Interface	1x 10/100M Ethernet Port		
Wi-Fi Interface	802.11b/g/n 300Mbps	802.11a/n or 802.11b/g/n 300Mbps	802.11a/n and 802.11b/g/n 600Mbps
Wi-Fi Operating Frequency	2412 – 2472 MHz	2412 – 2472 MHz or 5180 – 5825 MHz	2412 – 2472 MHz and 5180 – 5825 MHz
Transmit Power	2412 - 2472 MHz: 20dBm (CE)	2412 - 2472 MHz: 20dBm (CE) 5180 - 5825 MHz: 20dBm (CE)	
Antenna Connector	2x Female N-Type Connector		4x Female N-Type Connector
Ethernet Console	N/A		1 (Console Adapter Included)
Enclosure	IP67 Outdoor Metal Enclosure		
Dimension	9.0 x 12.2 x 2.6 inches / 230 x 310 x 66 mm		
Weight	5.84 pounds / 2.65 kg		
Power Input	Power over Ethernet 802.3af	Power over Ethernet 802.3at Device: 10V - 30V DC	
Power Consumption	13W (max.)	19.5W (max.)	25.5W (max.)
Operating Temperature	-40 - 149°F -40 - 65°C		
Humidity	15% – 95% (non-condensing)		
Certifications	FCC, CE, RoHS		
Warranty	1-Year Limited Warranty		



## AP Pro

Product Code	Product Name	Description
APP-GN-EU	AP Pro	Industrial-grade 802.11b/g/n 300Mbps access point in metallic waterproof and dust-tight IP67 outdoor enclosure. Managable by InControl Cloud Management or Peplink Balance WLAN Controller.
APP-AGN-EU	AP Pro 300M	Industrial-grade 802.11a/n or b/g/n 300Mbps access point in metallic waterproof and dust-tight IP67 outdoor enclosure. Managable by InControl Cloud Management or Peplink Balance WLAN Controller.
APP-AGN2-EU	AP Pro Duo	Industrial-grade 802.11a/n and b/g/n 600Mbps access point in metallic waterproof and dust-tight IP67 outdoor enclosure. Managable by InControl Cloud Management or Peplink Balance WLAN Controller.

## 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 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
- WPA-PSK/RADIUS
- WPA2-PSK/RADIUS

### Complete VPN Solution

- PepVPN
  - Site-to-Site VPN
  - 256-bit AES Encryption
  - Pre-shared Key Authentication
  - Dynamic Routing
- L2TP

### Captive Portal

- By InControl
- By FusionHub Controller
- By Balance WLAN Controller

### Device Management

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

### Certification

- FCC, CE, RoHS

[www.pepwave.com](http://www.pepwave.com)

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Broadband Possibilities

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