

# AP Pro

Rugged Outdoor Wi-Fi that Goes the Distance



Deliver fast and reliable Wi-Fi in even the harshest conditions with the 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 -40° to 65°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 2 configuration and administration solution.



For More Information, Contact:



www.pwbts.net  
281-667-0404

## Specifications

	AP Pro 300M	AP Pro Duo	AP Pro AC
Product Code	APP-AGN	APP-AGN2	APP-AGN3
<b>Basic</b>			
Ethernet Ports	1 (GE)	1 (GE)	2 (GE)
Console Port with Adapter	● (Shared with LAN interface)	●	○
Wi-Fi Standards	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n/ac
Data Rates	2 x 2 MIMO 2.4 GHz: 300 Mbps 5 GHz: 300 Mbps	2 x 2 MIMO 2.4 GHz: 300 Mbps 5 GHz: 300 Mbps	3 x 3 MIMO 2.4 GHz: 450 Mbps 5 GHz: 1300 Mbps
Simultaneous 2.4GHz and 5GHz	2.4 GHz or 5 GHz	●	●
Transmit Power	2412 - 2472 MHz: 26 dBm (FCC) / 20 dBm (CE) 5180 - 5825 MHz: 25 dBm (FCC) / 20 dBm (CE)		2412-2472 MHz: 24 dBm (FCC) / 17 dBm (CE) 5180-5825 MHz: 22 dBm (FCC) / 17 dBm (CE)
Recommended Concurrent Users Per Radio	60		
SSID Per Radio	16		
<b>Hardware</b>			
# Antenna Type	2 x Female N-Type Connectors	4 x Female N-Type Connectors	3x Female N-Type Connectors
Enclosure	IP67 Outdoor Metal Enclosure		
Dimensions	9.0 x 12.2 x 2.6 inches / 230 x 310 x 66 mm		
Weight	5.84 pounds / 2.65 kg		
<b>Operation</b>			
Power Input	Power over Ethernet 802.3af	Device: 10V - 30V DC, 3A Power over Ethernet 802.3at	Device: 12V - 36V DC Power over Ethernet 802.3af
Power Consumption	13W (max.)	25.5W (max.)	13W (max.)
Operating Temperature	-40° – 149°F / -40° – 65°C		
Humidity	15% – 95% (non-condensing)		
Certifications	FCC, CE, RoHS		FCC, RoHS
Warranty			
Package Content	AP Pro AC, Waterproof 12V-56V DC Female Connector, Mounting Kit (ACW-723)		

# Antenna is available separately. (Please refer to "Ordering Information - Wi-Fi Antenna Kit" for product code.)

## Ordering Information

Product Code	Product Name	Description
APP-AGN	AP Pro 300M	Industrial-grade 802.11 a/b/g/n 300 Mbps access point in metallic waterproof and dust-tight IP67 outdoor enclosure.
APP-AGN2	AP Pro Duo	Industrial-grade 802.11 a/b/g/n 600 Mbps simultaneous 2.4 & 5 GHz access point in metallic waterproof and dust-tight IP67 outdoor enclosure.
APP-AGN3	AP Pro AC	Industrial-grade 802.11 a/b/g/n/ac 1750 Mbps simultaneous 2.4 & 5 GHz access point in metallic waterproof and dust-tight IP67 outdoor enclosure.

## 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

**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, RoHS

Applications

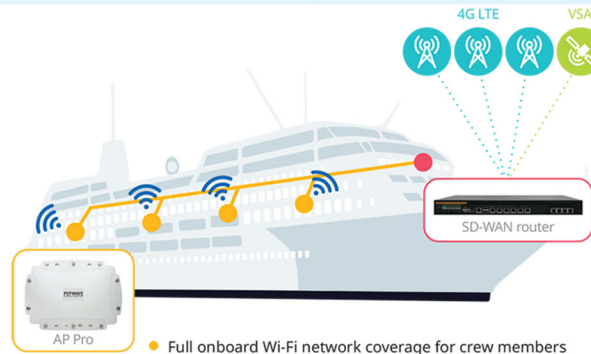
For Large Ship Marine Connectivity



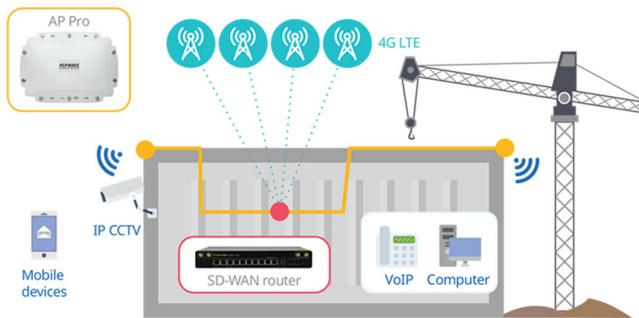
For Construction Site Connectivity



For Industrial Connectivity



• Full onboard Wi-Fi network coverage for crew members



• Extended Wi-Fi coverage across the site ensures security, connectivity back to the corporate network



• Offer reliable long-range wireless coverage for harsh indoor environments

