

AP One Rugged

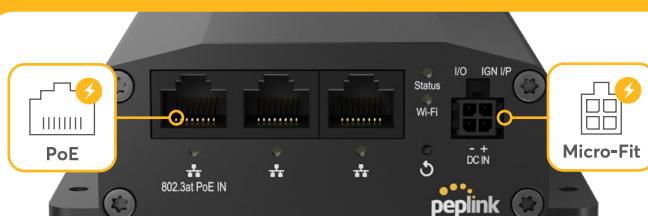
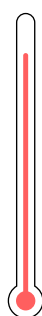
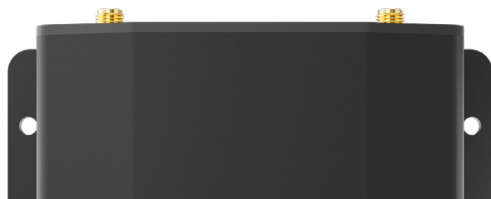
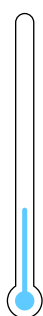
Case Durable
Price Unbeatable

TAA
COMPLIANT



The AP One Rugged is made for times where you need Wi-Fi in **extreme environments**.

Its tough exterior allows for smooth operation in **-40°F/-40°C** to **149°F/65°C** environments.



Power the device normally through **Power over Ethernet** for less cable management, or an industrial **microfit connector** for a secure and durable power option.



It's **resistant to shock, vibrations** and **electromagnetic waves** with the certifications to prove it.

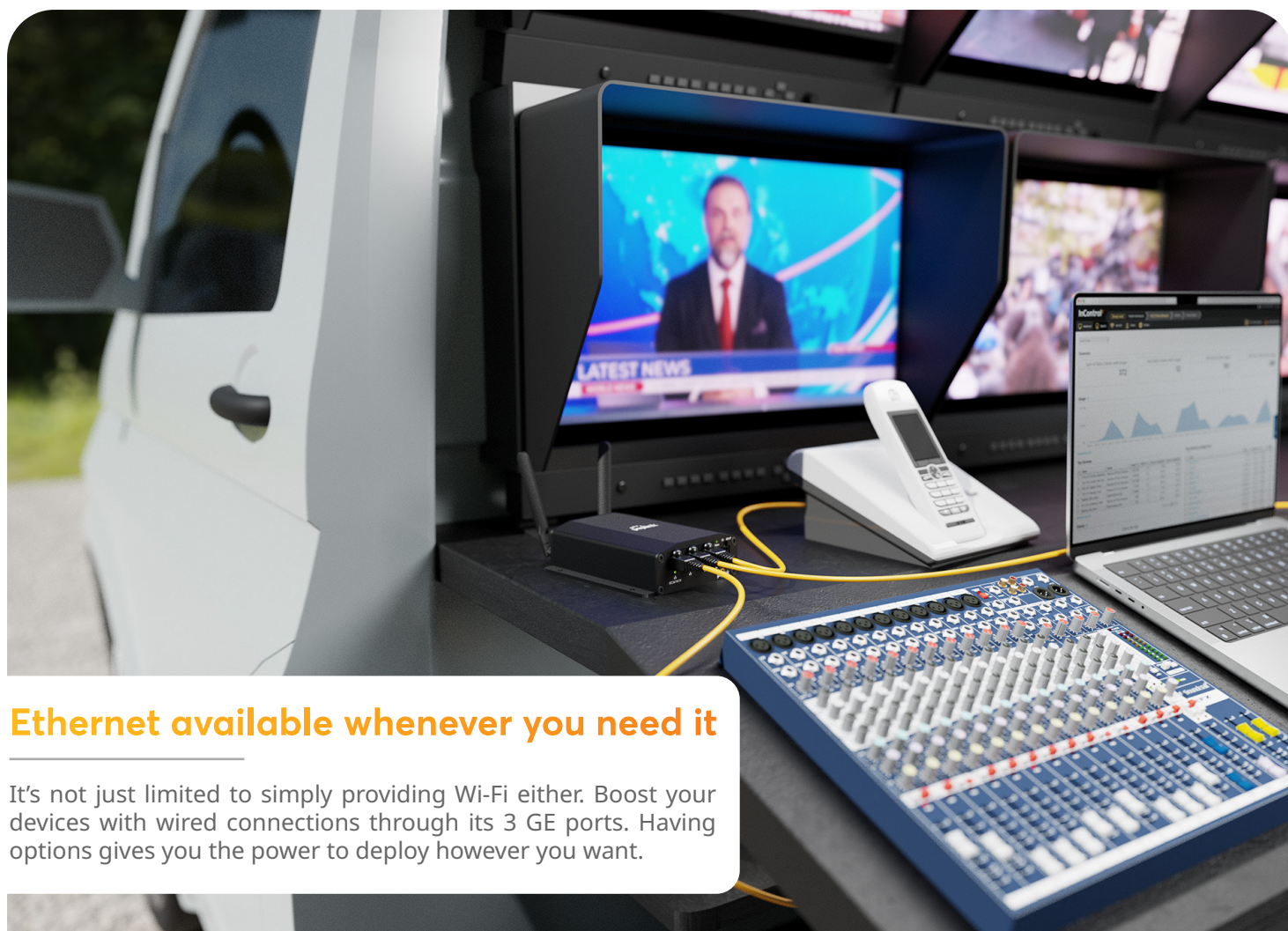
The **DIN rail mount system** allows for flexible deployment, no matter if it's on a wall, on a pole or on the ceiling.





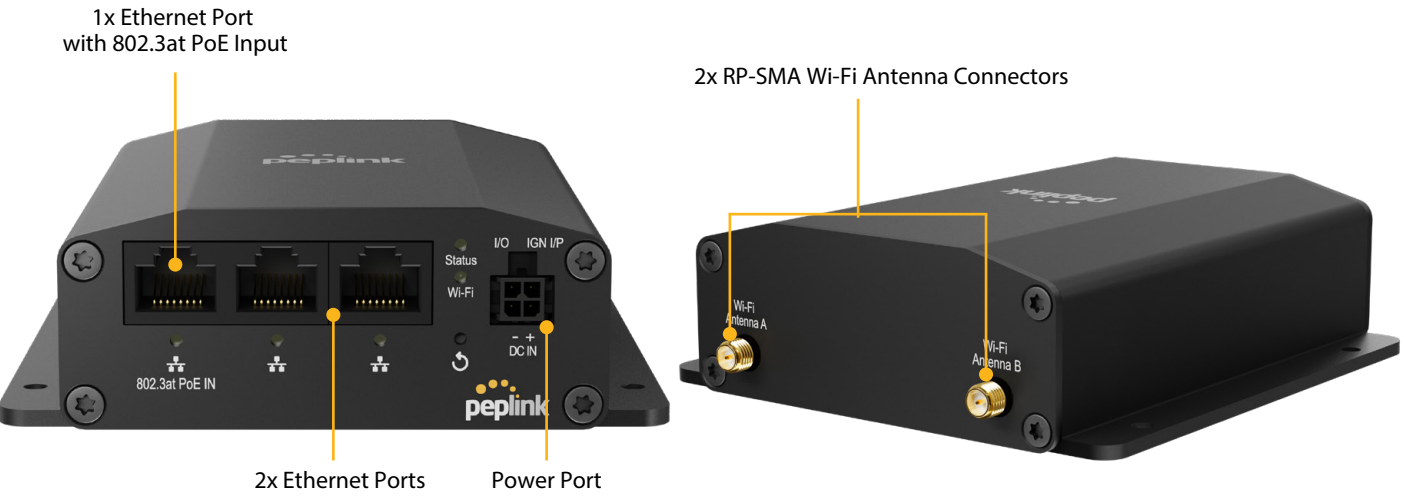
Take full control of your network

This isn't just your everyday access point. With **Wi-Fi mesh** support, you can eliminate blindspots in your network, and easily control all your devices with InControl 2.



Ethernet available whenever you need it

It's not just limited to simply providing Wi-Fi either. Boost your devices with wired connections through its 3 GE ports. Having options gives you the power to deploy however you want.



Specifications

| | | | |
|--|--|-------------------|---|
| Ethernet Port | 3x 10/100/1000M Ethernet | Certifications | FCC, CE, IC, E-Mark, RoHS, Railway Certification: EN 50155, Railway Certification: EN 50121-3-2, Railway Certification: EN 50121-4, Vibration & Shock: EN 61373 |
| Wi-Fi Standard | Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 5 2X2 MIMO | Warranty | 1-Year Limited Warranty |
| Data Rates | 2.4 GHz: up to 300Mbps 5 GHz: up to 866Mbps | Network | Bridge Mode Router (NAT) Mode Mesh Wireless Distribution System (WDS) Support for PPPoE, Static IP, DHCP Management VLAN Spanning Tree Protocol |
| Channel Width | 20/40/80 MHz | Radio | Multiple SSID Auto Channel Selection Transmit Power Adjustment Neighbor AP Detection |
| Recommended Concurrent Users per Radio | 60 | AP Security | Open WPA/WPA2/WPA3-Personal WPA/WPA2-Enterprise |
| SSID | 16 | Device Management | Web Administrative Interface InControl Cloud Management Peplink AP Controller SNMP v1, v2c and v3 |
| Transmit Power | 2.4GHz: 17dBm 5GHz: 17dBm | | |
| Antenna | External Omni Directional Antennas 2x 3dBi - 2.4GHz 2x 3dBi - 5GHz | | |
| Connector type | 2x RP-SMA Wi-Fi Antenna connectors | | |
| Power Input | 10V - 30V DC 802.3at PoE | | |
| Power Consumption | 13w (max.) | | |
| Enclosure | Ruggedized Metal | | |
| Dimension | 4.8 x 4.2 x 1.4 inches / 122.1 x 107 x 35 mm | | |
| Weight | 0.8 pounds / 365 grams | | |
| Operating Temperature | -40°- 149° F / -40°- 65° C | | |
| Humidity | 15% - 95% (non-condensing) | | |

Specifications are subject to change without notice.

Specifications

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|-------------------|--|-----------------------------|--|
| 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 | Captive Portal by InControl | |
| | Per Client VLAN with RADIUS VLAN with VLAN Pool Bandwidth Control Multicast Filter IGMP Snooping/Multicast Enhancement | Package Contents | AP One Rugged, 1 x 12V2A Power Supply (ACW-632) 2 x Dual Band Wi-Fi Antennas (ACW-342) |

Ordering Information

| Product Code | Description |
|--------------|-------------------------------|
| APO-AC-RUG | Wi-Fi 5 2x2 MIMO Access Point |

Featured Add-on

| Product Code | Description |
|------------------|---|
| SVL-413 | EssentialCare (1-Year) for AP One Rugged |
| SVL-513 | EssentialCare (2-Year) for AP One Rugged |
| ACW-DIN-BR1-MINI | DIN Rail Mount for BR1 Mini / AP One Rugged |