



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.



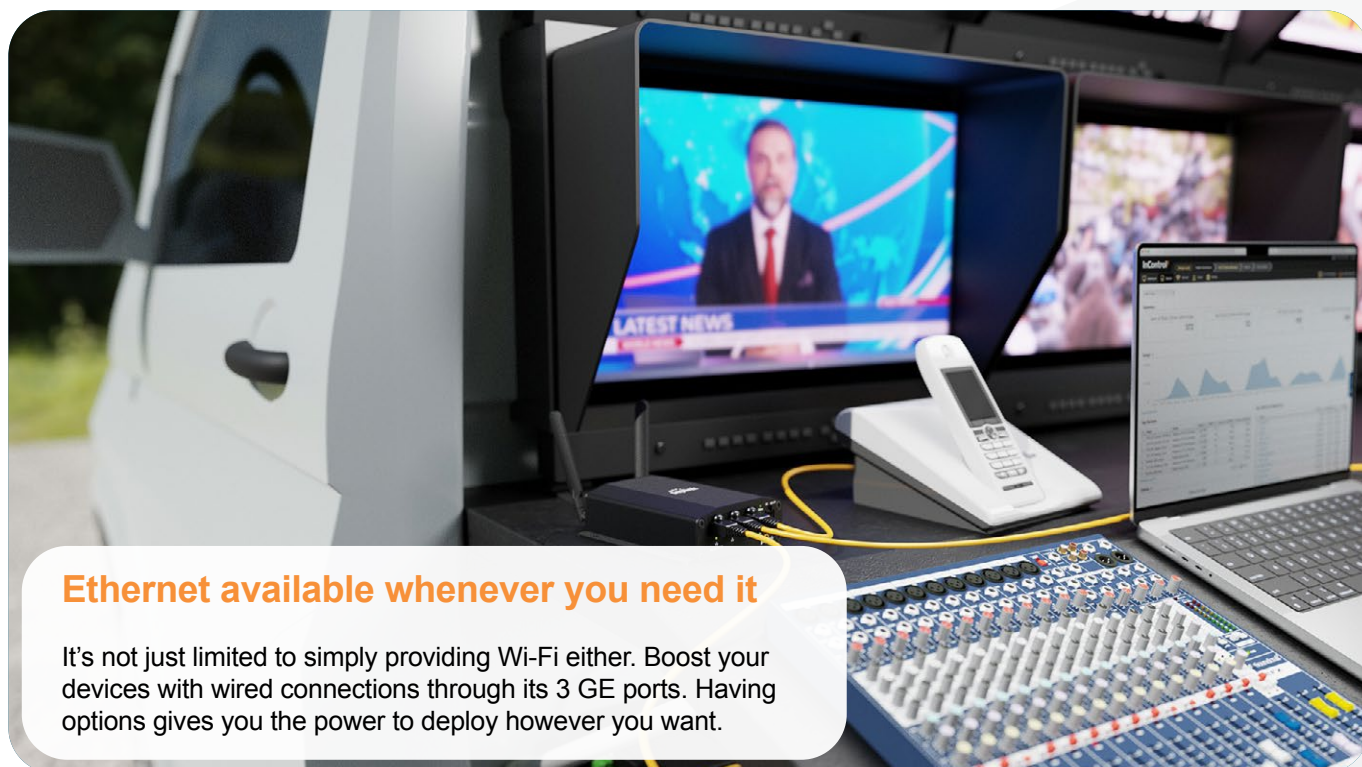
Power the device normally through **Power over Ethernet** for less cable management, or an industrial **microfit connector** for a secure and durable power option.

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.



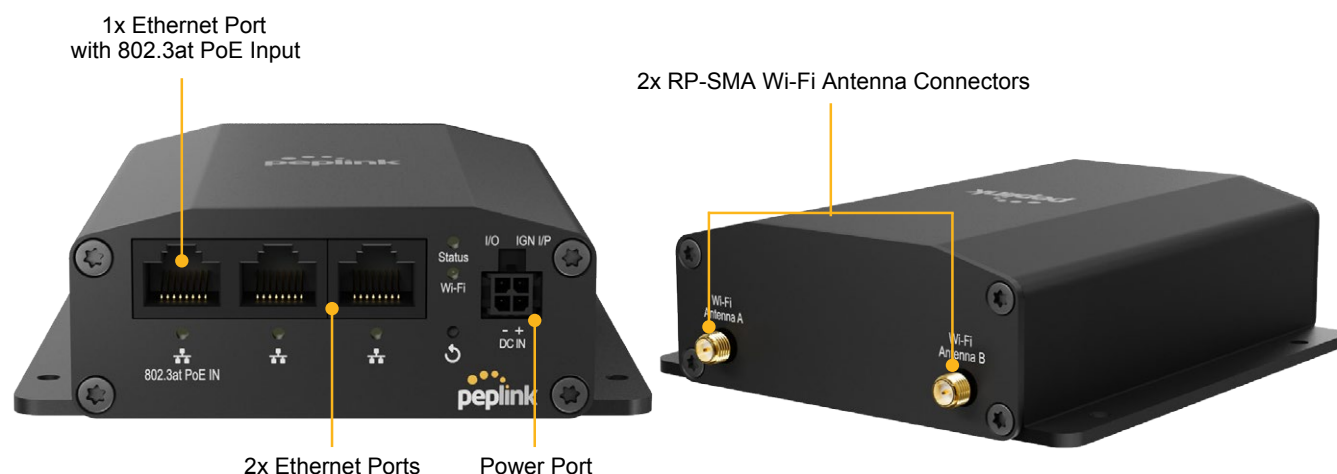




Specifications

- **Ethernet Port**
3x 10/100/1000M Ethernet
- **Wi-Fi Standard**
Simultaneous Dual-Band
(2.4GHz / 5GHz)
Wi-Fi 5 2X2 MIMO
- **Data Rates**
2.4 GHz: up to 300Mbps,
5 GHz: up to 866Mbps
- **Channel Width**
20/40/80 MHz
- **Recommended Concurrent Users Per Radio**
60
- **SSID**
16
- **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**
Ruggedised Metal
- **Dimensions**
122.1 x 107 x 35 mm
- **Weight**
365 grams
- **Operating Temperature**
-40° – 65°C
- **Humidity**
15% – 95% (non-condensing)
- **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

Per Client
VLAN with RADIUS
VLAN with VLAN
Pool Bandwidth Control
Multicast Filter
IGMP Snooping/Multicast Enhancement
- **Network**
Bridge Mode
Router (NAT) Mode
Mesh
Wireless Distribution System (WDS)
Support for PPPoE, Static IP, DHCP
Management VLAN
Spanning Tree Protocol
- **Radio**
Multiple SSID
Auto Channel Selection
Transmit Power Adjustment
Neighbor AP Detection
- **AP Security**
Open
WPA/WPA2/WPA3-Personal
WPA/WPA2-Enterprise
- **Device Management**
Web Administrative Interface
InControl Cloud Management
Peplink AP Controller
SNMP v1, v2c and v3
- **Captive Portal**
by InControl
- **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
- **Warranty**
1-Year Limited Warranty
- **Package Content**
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