AP One
Rugged

Case Durable
Price Unbeatable

peplink

5 WiFi

Mesh

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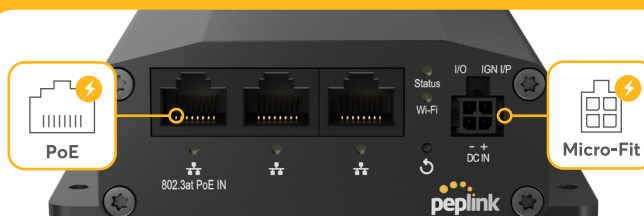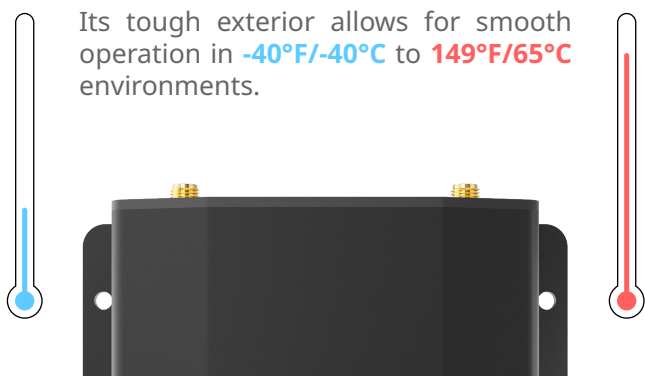
Power the device normally through **Power over Ethernet** for less cable management, or an industrial **microfit connector** for a secure and durable power option.

PoE

Micro-Fit

It's **resistant to shock**, **vibrations** and **electromagnetic waves** with the certifications to prove it.
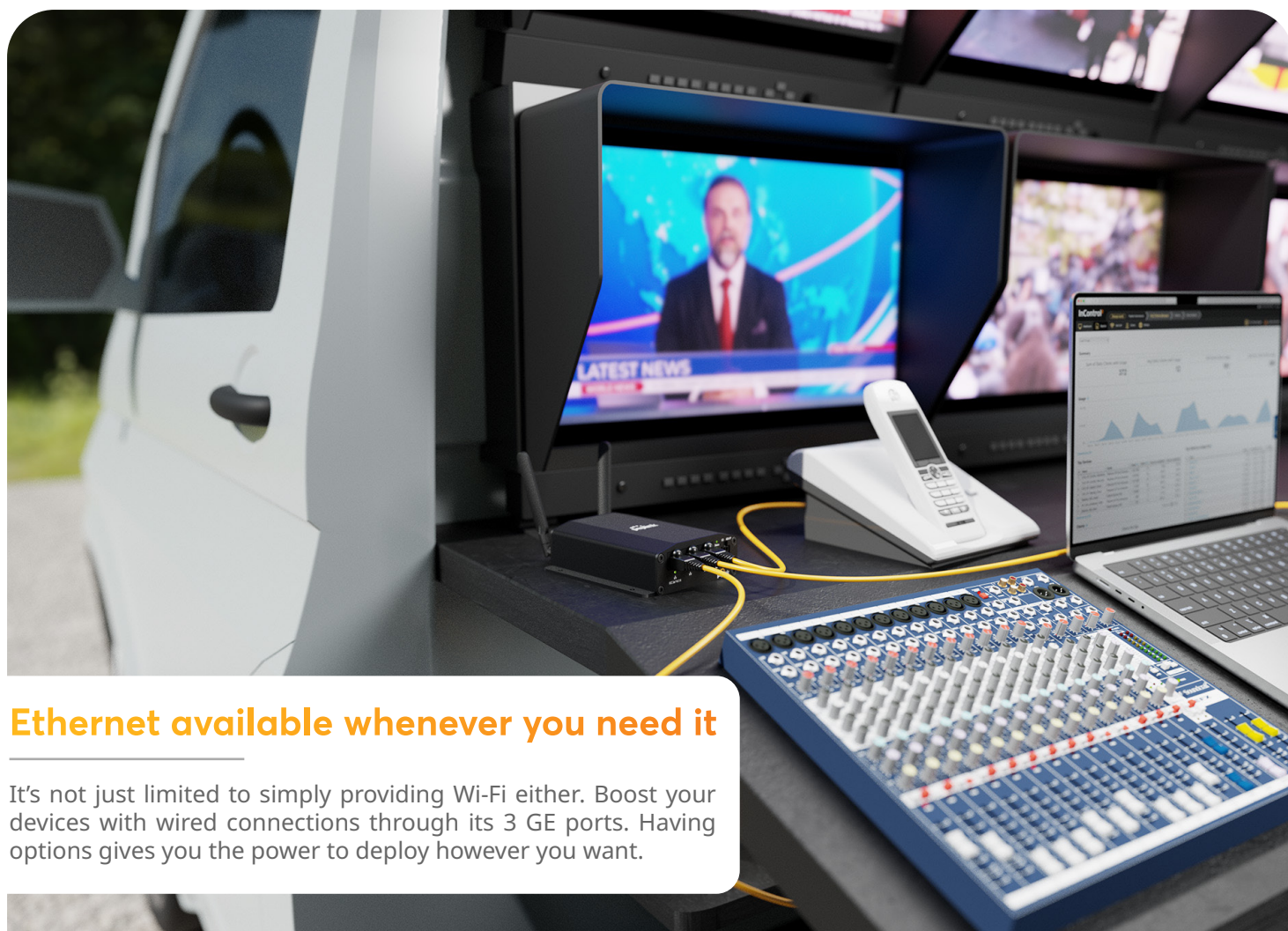
The DIN rail mount system allows for flexible deployment, no matter if it's on a wall, on a pole or on the ceiling.

![peplink logo]

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.
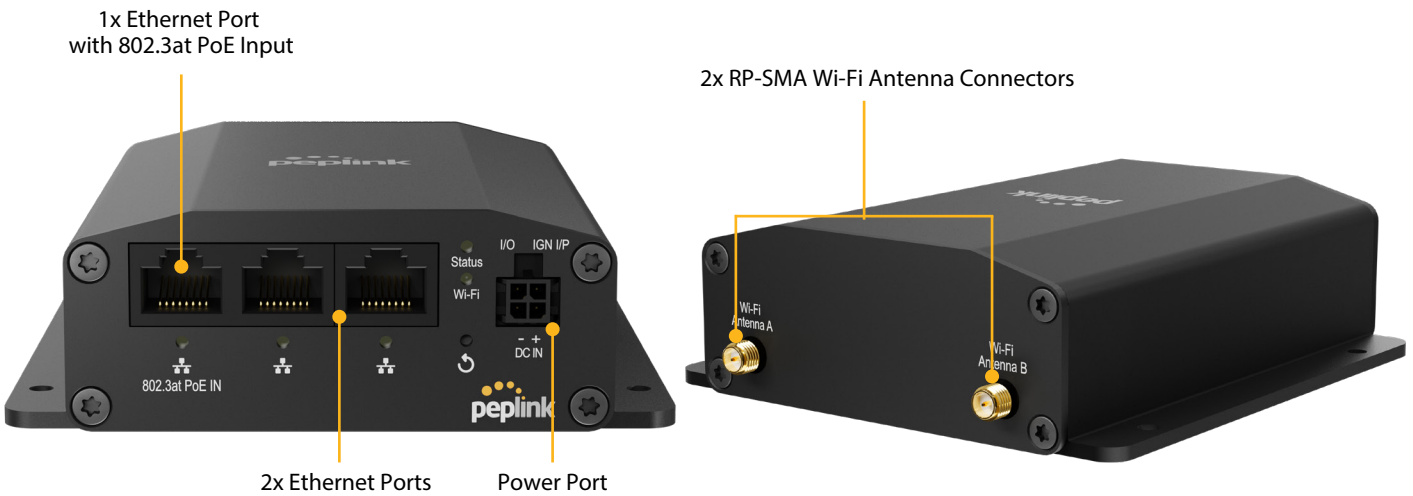

Ethernet available whenever you need it

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.

AP One Rugged

![peplink logo]

1x Ethernet Port
with 802.3at PoE Input

2x RP-SMA Wi-Fi Antenna Connectors

802.3at PoE IN

2x Ethernet Ports   Power Port

Wi-Fi
Antenna A

Wi-Fi
Antenna B

Specifications

Ethernet Port	3x 10/100/1000M Ethernet	**Feature**	GPIO[1]
Wi-Fi Standard	Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 5 2X2 MIMO	**Certifications[2]**	FCC, CE, IC, E-Mark, Railway Certification: EN 50155, Railway Certification: EN 50121-3-2, Railway Certification: EN 50121-4, Vibration & Shock: EN 61373
Data Rates	2.4 GHz: up to 300Mbps 5 GHz: up to 866Mbps		
Channel Width	20/40/80 MHz	**Warranty**	1-Year Limited Warranty
Recommended Concurrent Users per Radio	60	**Network**	Bridge Mode Router (NAT) Mode Mesh Wireless Distribution System (WDS) Support for PPPoE, Static IP, DHCP Management VLAN Spanning Tree Protocol
SSID	16		
Transmit Power	2.4GHz: 17dBm 5GHz: 17dBm		
Antenna	External Omni Directional Antennas 2x 3dBi - 2.4GHz 2x 3dBi - 5GHz	**Radio**	Multiple SSID Auto Channel Selection Transmit Power Adjustment Neighbor AP Detection
Connector type	2x RP-SMA Wi-Fi Antenna connectors	**AP Security**	Open WPA/WPA2/WPA3-Personal WPA/WPA2-Enterprise
Power Input	10V - 30V DC 802.3at PoE		
Power Consumption	13w (max.)	**Device Management**	Web Administrative Interface InControl Cloud Management Peplink AP Controller SNMP v1, v2c and v3
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)		

[1] Available in future firmware
[2] Certification pending.
Specifications are subject to change without notice.

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Specifications

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	**Captive Portal by InControl** **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