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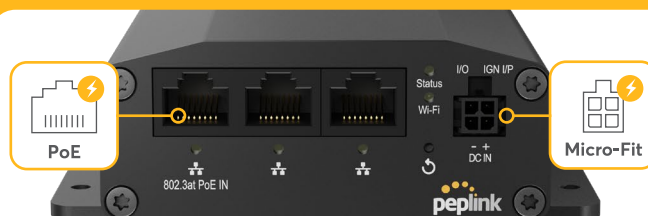
Power the device normally through **Power over Ethernet** for less cable management, or an industrial **microfit connector** for a secure and durable power option.

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.
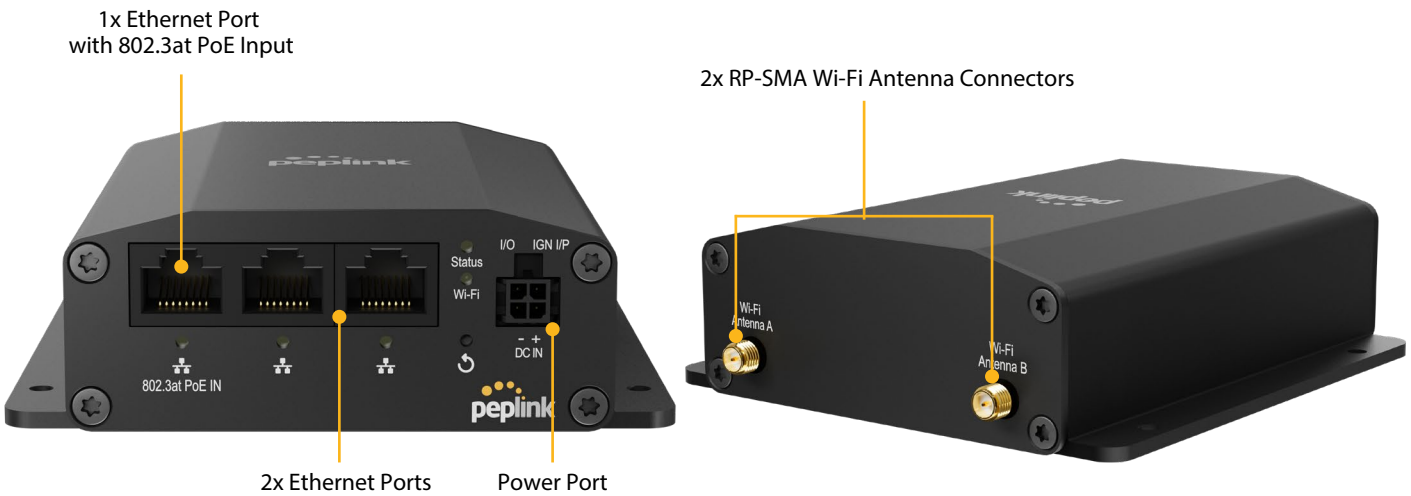
Take full control of your network

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.
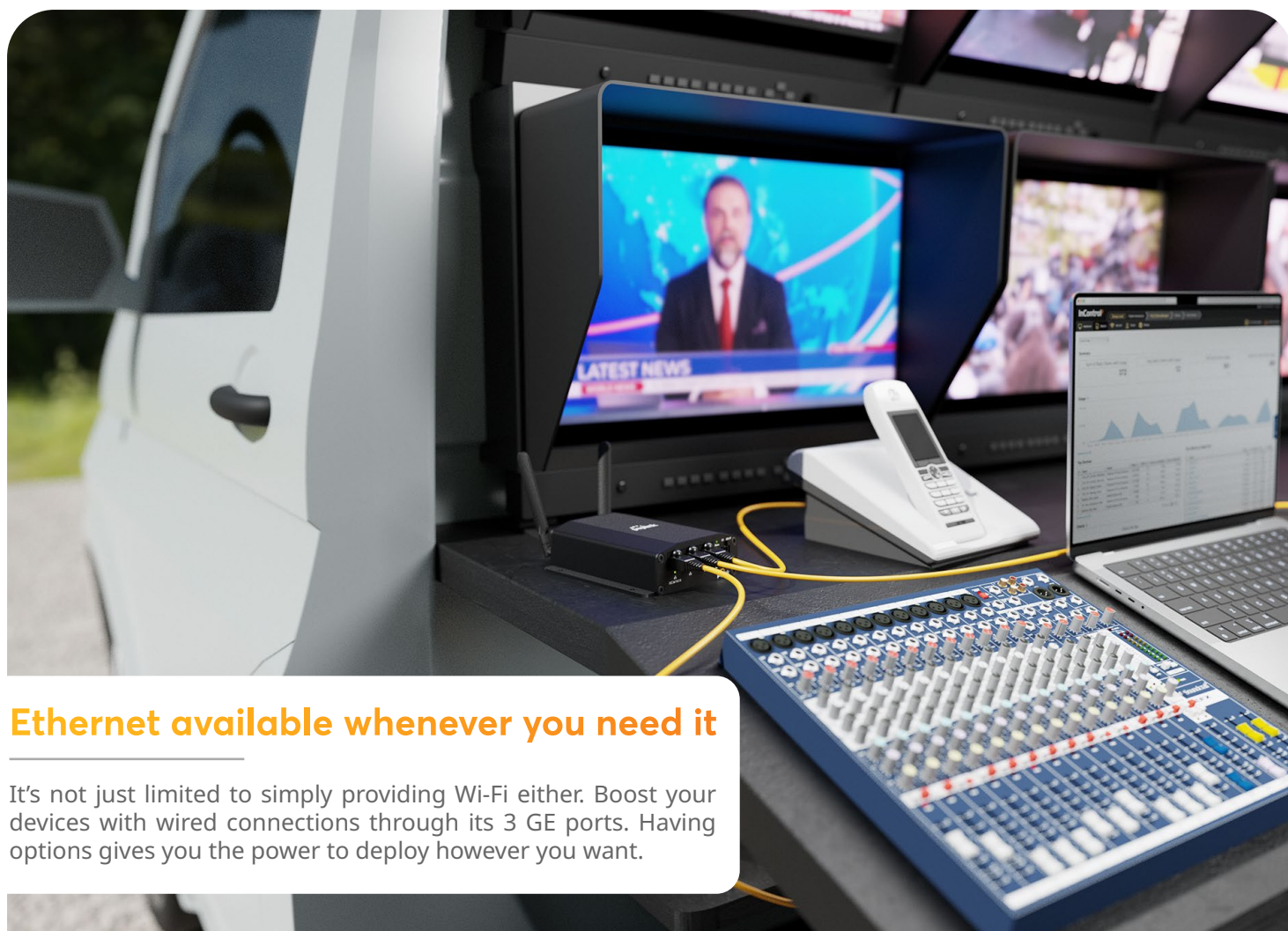
Ethernet available whenever you need it

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.

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1x Ethernet Port
with 802.3at PoE Input

2x RP-SMA Wi-Fi Antenna Connectors

2x Ethernet Ports   Power Port

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		
Data Rates	2.4 GHz: up to 300Mbps 5 GHz: up to 866Mbps	**Warranty**	1-Year Limited Warranty
Channel Width	20/40/80 MHz	**Network**	Bridge Mode Router (NAT) Mode Mesh Wireless Distribution System (WDS) Support for PPPoE, Static IP, DHCP Management VLAN Spanning Tree Protocol
Recommended Concurrent Users per Radio	60		
SSID	16		
Transmit Power	2.4GHz: 17dBm 5GHz: 17dBm	**Radio**	Multiple SSID Auto Channel Selection Transmit Power Adjustment Neighbor AP Detection
Antenna	External Omni Directional Antennas 2x 3dBi - 2.4GHz 2x 3dBi - 5GHz		
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	**Device Management**	Web Administrative Interface InControl Cloud Management Peplink AP Controller SNMP v1, v2c and v3
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.

AP One Rugged

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