

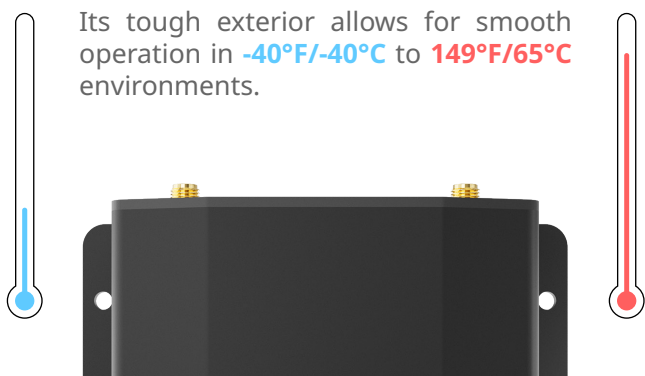
AP One Rugged

Case Durable
Price Unbeatable



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.



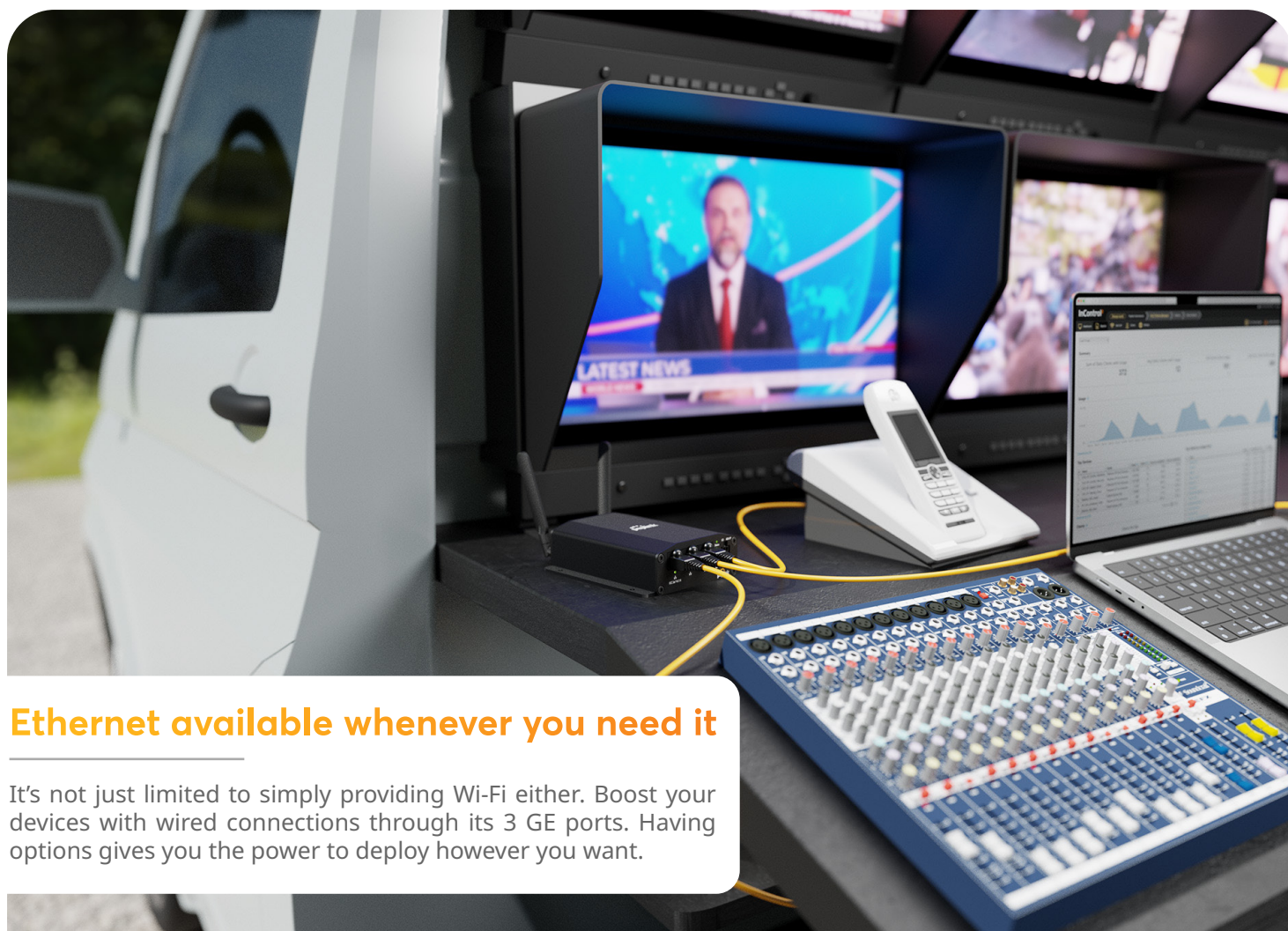
The **DIN rail mount system** allows for flexible deployment, no matter if it's on a wall, on a pole or on the ceiling.





Take full control of your network

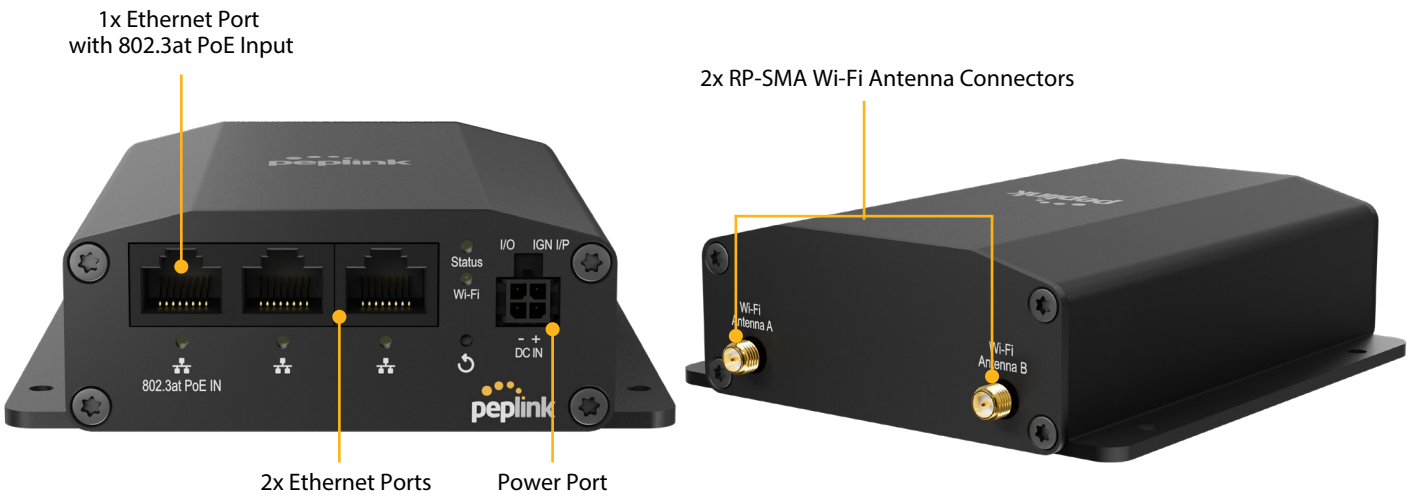
This isn't just your everyday access point. With **Wi-Fi mesh** support, you can eliminate blindspots in your network, and easily control all your devices with InControl 2.



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.

AP One Rugged



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	Certifications²	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	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	Radio	Multiple SSID Auto Channel Selection Transmit Power Adjustment Neighbor AP Detection
SSID	16	AP Security	Open WPA/WPA2/WPA3-Personal WPA/WPA2-Enterprise
Transmit Power	2.4GHz: 17dBm 5GHz: 17dBm	Device Management	Web Administrative Interface InControl Cloud Management Peplink AP Controller SNMP v1, v2c and v3
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)		

¹ Available in future firmware

² Certification pending.

Specifications are subject to change without notice.

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

APO-AC-RUG

Description

Wi-Fi 5 2x2 MIMO Access Point

Featured Add-on

Product Code

SVL-413

Description

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