

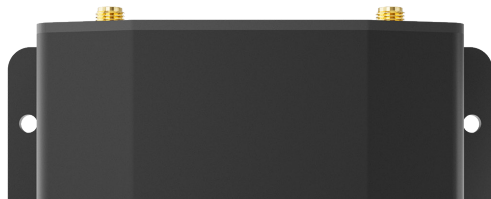
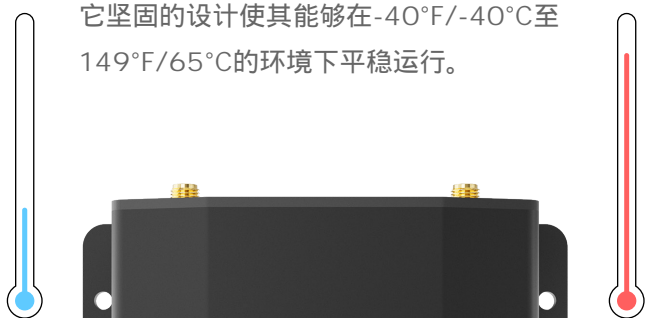
# AP One Rugged

Case Durable  
Price Unbeatable



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

它坚固的设计使其能够在-40°F/-40°C至149°F/65°C的环境下平稳运行。

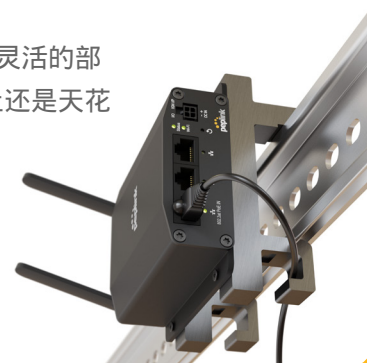


通过以太网供电（Power over Ethernet）方式正常为设备供电，以减少电缆管理，或使用工业级Microfit连接器作为安全耐用的供电选项。

它具有抗冲击、抗振动和抗电磁波的特性，并获得了相关认证证明。



DIN轨道安装系统可实现灵活的部署，无论是在墙上、杆上还是天花板上都可以进行安装。





## Take full control of your network

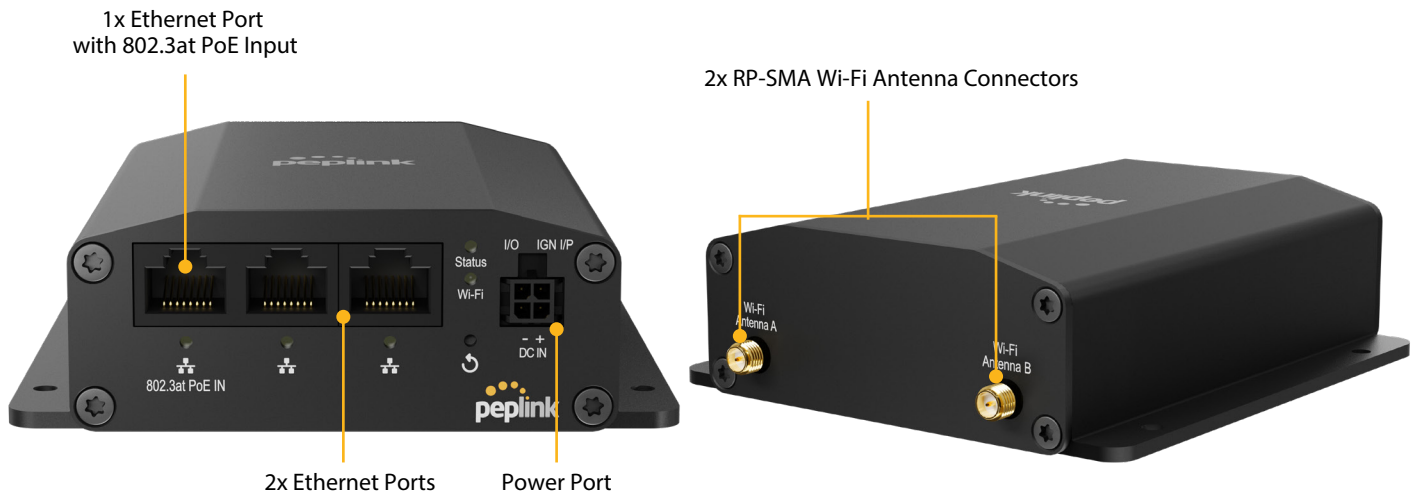
这不仅仅是普通的接入点。通过Wi-Fi Mesh支持，您可以消除网络中的盲点，并通过InControl 2轻松控制所有设备。



## Ethernet available whenever you need it

它不仅仅局限于提供Wi-Fi。还可以通过其3个千兆以太网端口，为您的设备提供有线连接。拥有多种选择使您能够按照自己的意愿进行部署。

# AP One Rugged



## Specifications

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

<sup>1</sup> Available in future firmware

<sup>2</sup> 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