

Outdoor 5G Access Point

Product Information

The Highway 9 Outdoor 5G Access Point (AP) is an advanced outdoor 5G base station designed to enhance coverage, improve network capacity, and eliminate blind spots while reducing power consumption.

It supports multiple bands and provides a secure, robust, and adaptable wireless network, ideal for enterprises requiring high-performance outdoor connectivity.



- Zero touch provisioning on Mobile Cloud.
- Rugged outdoor form factor.
- Enhanced coverage and eliminate blind spots with up to 12km range.
- Simple and fast deployment with integrated small cell technology.
- High data rates to support modern edge applications.
- Data in-flight encryption.

Key Benefits



Cloud-based operations requires less resources on-premise and rapid just-in-time deployments.



Maximize available bandwidth with private spectrum or CBRS with Spectrum Allocation Service (SAS) support.



Configurations are optimized for IoT use cases, tuneable for coverage versus capacity with flexible throughput controls.



Enhance enterprise security with SIM, device, and user onboarding while extending enterprise LAN segments into your private cellular network.

Outdoor 5G Access Point

Rear View



Key Features

- Supports Band N48 (CBRS) and N78
- Up to 100 MHz Channel
- Peak Data Rate 850/350Mbps
- Up to 600 connected users on 100MHz channel
- 2 External Antenna Ports (1 x 2 Port or 2 x 1-port antenna)
- GPS & PTP Synchronization
- 5G Standalone (SA) Mode
- Advanced encryption (AES-128, AES-256)

Technical Specifications

Synchronization:

GPS/GNSS External, PTP (1588 v2)

Interfaces:

1 Optical (SFP+), 1 RJ-45 Ethernet (1 GE)

MIMO:

DL/UL: 2x2 per carrier

Antenna:

2T2R N-Type Connectors for external high gain antenna

Dimensions:

13.1 x 9.4 x 4.3 in. 333 x 240 x 109 mm

Weight:

16.5 lbs / 7.5 kgs

Power:

DC -48v or AC 120v

Protection Rating:

IP 65

Operating Temperature:

-22°F to 131°F (-30°C to 55°C)

Humidity:

2% to 95% RH

MTBF:

≥ 150000 hours

Certifications:

OnGo® Alliance Certified, FCC and CE certified.