

FreedomFi One is the first CBRS Small Cell plug-and-play certified with the FreedomFi Gateway. It provides up to 15K SQFT of reliable indoor wireless coverage using 3.5Ghz CBRS shared spectrum band and is ideal for placement in indoor shopping malls, hotels, convention centers, stadiums etc. FreedomFi One can be powered over AC Power with the included adapter or via Power over Ethernet (802.3at PoE) and can be mounted on a wall or ceiling.



Features



Plug-and-Play

First and only plug-and-play CBRS cellular antenna for the FreedomFi Gateway requires no manual post configuration and no CPI certification. Just connect to power and the ethernet port.



3X Coverage of Wi-Fi

Cover up to 15,000 square feet with a single CBRS antenna.



Stay Up To Date

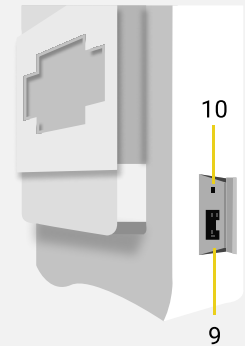
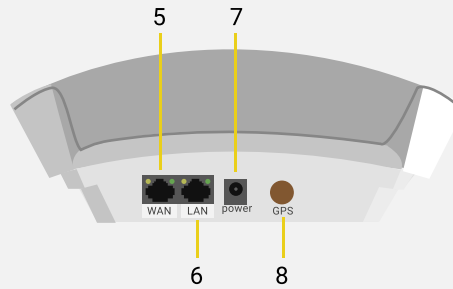
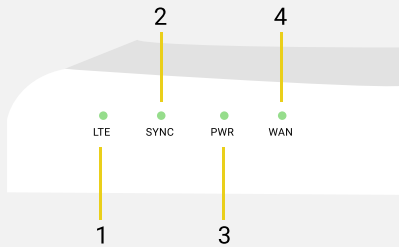
Zero-touch auto-update system ensures that the software on your FreedomFi Gateway will always run the latest version with no manual intervention required.



Mount on Wall or Ceiling

Wall/ceiling mounting gear, included in the packaging, makes it easy to securely install on any vertical or horizontal surface.

Interfaces



1. Cellular Network Status
2. GPS Sync Status
3. Power
4. Internet Connectivity Status
5. WAN Port Connect to FFI Gateway
6. LAN Console Port (for Factory Configuration only)
7. AC Power Input
8. External GPS Antenna Connector
9. SFP Module Slot
10. Factory Reset

Hardware Specifications

- **Max Throughput:** DL: 188 Mbps, UL: 28 Mbps
- **Max Simultaneous Connections:** 96
- **Frequency:** CBRS Band 48 (3550 - 3700 MHz)
- **Type:** CBRS LTE, Dual Carrier, 2x2 MIMO per carrier
- **Max Transmission Power:** 24dBm / 250mW per RF Path
- **Dimensions:** 265 x 210 x 80mm
- **Weight:** 4.19 lbs | 1.9 kg
- **Operating Temp:** 0° to 45°C
- **Power:** 12V/2.5A (AC Adapter included) or 802.3at PoE+ (PoC injector not included)
- **Mounting:** Indoor, Wall or Ceiling Mount