



**HYFIX**  
SPATIAL INTELLIGENCE



# MGW200

## Triple-Band GNSS Base-Station

Ready-to-Use GEODNET Base-station: MobileCMTM includes easy to mount triple-band GNSS antennae and all necessary hardware. Also included is a USB-C power cable, two 2.4GHz Bluetooth/WiFi whip antennae. Directly connects to Geodnet: <https://geodnet.com> Zero RF Emissions from GNSS Antennae.

### DEVICE SUMMARY:

- Connect to the World's Largest Decentralized Geo-Spatial Reference Network - GEODNET
- High Performance Triple-Band GEODNET Station, Triple-Band Mines at Up to 2x the Rate of a Dual-Band MobileCM
- Triple-Band GNSS Receiver and RTK Base-station Tracks RealTime Space Weather. No RF Emissions from GNSS. •
- <2W Power Consumption • Easy to Install Roof Mount Antennae, Connect to GNSS+ Port



**Mines GEOD Token:** The MobileCMTM base-station and gateway outputs geodetic-grade real-time data is certified to work on the GEODNET Network.

### Triple-Band Geodetic Grade GNSS Receiver

GNSS	
Channels	Over 1000 Tracking Channels
GPS	L1C/A, L1C, L2P (Y), L2C, L5
BeiDou	B1I, B2I, B3I, B1C, B2a, B2b
Galileo	E1, E5a, E5b
Glonass	L1, L2
OZSS	L1, L2, L5

### Wifi NTRIP Server & Gateway

ESP32-WROOM-32	
WiFi	2.4GHz (802.11 b/g/n)
Bluetooth	Bluetooth 4.2, Class 1,2, and 3 Transmitter

GEODNET Configuration	
WebUI	Easy Internet & Mining Configuration
Data Upload	WiFi
Direct RTCM Output	USC-C
Firmware Upgrade	OTA, USB-C & Command Line Utility



NGS certificated Geodetic Antenna included

### Physical & Electrical

Size & Weight	4.0" x 3.5" x 1.2", 1lb.
Power	<2W, USB-C



<https://hyfix.ai>