MegaGo 2

Portable Solution for FirstNet® MegaRange™ Powered by the 5G MegaFi 2 HPUE

MODEL NUMBERS: M4D-UC-G01 (Black) M4D-UC-G02 (Orange)



MegaGo 2



MegaFi 2 HPUE

MegaGo 2 is a portable solution for the MegaFi 2 high power 5G mobile router for AT&T and FirstNet networks. With MegaGo 2, first responders have the rapid deployment and portability they need to take 5G MegaRange technology with them and have the most reliable on-scene FirstNet broadband communications wherever they go.

The system includes Airgain patented High Power User Equipment (HPUE) technology, along with a rechargeable battery pack and integrated antennas – all in a rugged case. With only one control – the On/Off push button – MegaGo 2 provides a Wi-Fi bubble connection to the FirstNet network. This enables users to connect on scene via Wi-Fi for full access to all their applications.

HPUE technology in the MegaGo provides 6x times the power of standard devices, and when combined with the built-in high gain LTE and Wi-Fi antenna system, this provides up to 10x the gain of other portable systems. MegaRange is especially suitable for demanding applications requiring enhanced uplink data speeds, such as video streaming.

The mission often dictates fast reaction, so MegaGo includes a built-in battery pack that powers the system for up to 12 hours of normal operation. The system can be recharged by AC or DC power, while an integrated display provides instant indication of charge status. This HPUE solution incorporates Airgain IntelliRange® technology.

Cellular

HPUE Support	PC1 operation on B14 (support for PC1 on n14 as network evolves)
5G Band Support	n1, n2, n5, n7, n25, n28, n30, n38, n41, n66, n71, n77 (support for n14 as network evolves)
LTE Band Support	B2, B4, B5, B12, B13, B14, B17, B18, B19, B25, B29, B30, B46, B66, B71
Peak D/L	Up to 1.0 Gbps (NSA), 1.0 Gbps
Peak U/L	Up to 0.55 Gbps (NSA), 0.90 Gbps

Wi-Fi and Location

Band Support	Dual Band 2.4/5 GHz 2x2 MIMO 802.11 b/g/n/ac/ax
Maximum Connected Users (Recommended)	256 clients
Security Protocols	WPA2 (PSK, EAP), WPA3 (EAP, SEA)
Connections	1x WAN, 1x LAN Port
Positioning	GPS; NMEA, TAIP (PPS)

Internal Battery

Operation	12 hours nominal
Charging	AC or DC (using supplied Car Power Adapter)

Integrated High-Gain Antennas (Case Lid)

Cellular	5x cellular antennas
Wi-Fi	3x Wi-Fi antennas
GPS	1x GPS antenna

Case Specifications

Dimensions	18.7 x 14.8 x 7 in
Temperature	-22 to 149°F (-30 to 65°C)
Weight	20.6 lbs

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