

SHIELD MegaGo

A purpose-built portable solution for FirstNet® MegaRange™ powered by the SHIELD AW12 HPUE Modem

SHIELD MegaGo delivers the best range, coverage, and penetration of any device available on the FirstNet network. Now, first responders can take FirstNet MegaRange™ with them wherever they go. MegaGo gives first responders the rapid deployment and portability they need to provide the most reliable on-scene FirstNet broadband communications. The system includes Nextivity patented High Power User Equipment (HPUE) technology along with a rechargeable battery pack, Wi-Fi hot spot, and integrated antennas – all in a rugged waterproof case. With only one control – the On/Off push button - MegaGo provides a Wi-Fi bubble connection to the FirstNet network. This enables on-scene users to connect by Wi-Fi for full access to all their applications.

HPUE technology in the SHIELD MegaGo provides six times the power of conventional LTE products, and when taken together with the built-in high gain LTE and Wi-Fi antenna system, this provides up to ten times 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 SHIELD 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.



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LTE

AT&T and FirstNet Bands	2, 4, 5, 12, 14, 29, 30, 66
Power	Band 14: 1.25 watts output
Throughput	600 MB/S download 150 MB/S upload
Positioning	GNSS/GPS
Control	Network management

Wi-Fi and Data

Standards	2.4 GHz 802.11b/g/n 5.8 GHz 802.11a/n/ac
Connections	Ethernet Port

Internal Battery

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

Integrated High-Gain Antennas (Case Lid)

LTE	(3) LTE antennas
Wi-Fi	(2) Wi-Fi antennas
GPS	(1) GPS antenna

Case Specifications

Dimensions	18.7 x 14.8 x 7 in
Environmental	IP67 when closed, not in use
Temperature	-22 to 149°F (-30 to 65°C)