

MegaGo

A purpose-built portability solution for FirstNet MegaRange applications powered by the AW12 HPUE Modem



Designed for AT&T FirstNet® MegaRange™

Assured Wireless Corporation, the leader in HPUE (High Power User Equipment) technology developed the AW12 High Power USB Modem. It utilizes patented HPUE technology to provide up to 100% increase in LTE uplink data speeds at the edge of the network.

Now, first responders can take AT&T FirstNet MegaRange technology with them wherever they go. The MegaGo case from Assured Wireless gives first responders the rapid deployment and portability they need to instantly provide the most reliable on-scene FirstNet broadband communications. The MegaGo case includes our patented AW12 HPUE technology along with a rechargeable battery pack, Wi-Fi hot spot, and integrated antennas – all in a rugged waterproof *go* case. With only one control – the On/Off button - the MegaGo case provides an instant 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.

Assured Wireless MegaRange technology ensures the very best possible broadband connectivity to ensure maximum range, reliability, and connectivity. This technology provides up to six times the power of conventional LTE products. Together with the built-in high gain LTE and Wi-Fi antenna system, this provides effectively up to ten times the gain of other portable systems. MegaRange technology is especially suitable for demanding applications requiring enhanced uplink data speeds, such as video streaming.

To ensure maximum mission life, the built-in battery pack is designed for twelve hours. An integral display provides instant indication of charge status. The MegaGo is designed to be recharged in six hours via the included AC/DC adapter.

LTE Modem	
Frequencies	All AT&T/FirstNet bands
Tx power	Power Class 1 (HPUE) Band 14
Throughput	600 MB/S download 150 MB/S upload
Positioning	GNSS/GPS
Control	Network management

Wi-Fi	
Standards	2.4 GHz 802.11b/g/n 5.8 GHz 802.11a/n/ac
Connections	Ethernet Ports

Internal Battery	
Operation	12 hours nominal
Charging	AC or DC

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 inches
Environmental	IP67 when operating (closed)
Temperature	-30 to +65C