

MegaGo A purpose-built portability solution for FirstNet® MegaRange™ powered by the AW12 HPUE Modem.



AW12 HPUE Modem



Designed for FirstNet® MegaRange™

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

Now, first responders can take FirstNet MegaRange™ with them wherever they go. MegaGo from Assured Wireless gives first responders the rapid deployment and portability they need to provide the most reliable on-scene FirstNet broadband communications. MegaGo 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 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.

MegaRange™ powered by Assured Wireless technology creates superior broadband connectivity for maximum range, reliability, and connectivity. This technology provides up to 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 effectively 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 MegaGo includes a built-in battery pack designed for twelve hours of normal operation. An integral display provides instant indication of charge status, and MegaGo can be recharged by AC or DC power sources.

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

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"
Environmental	IP67 when closed, not in use
Temperature	-30°C to +65°C (-22°F to +149°F)



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