

## Tac4G

# Autonomous LTE Tactical Communication Network for Public Safety & HLS Force

> Tac4G equips first responders, public safety and HLS forces with a complete high-bandwidth, secure, and autonomous LTE communication network in situations where the local network is congested or destroyed due to natural disasters or terrorist events. The Tac4G product line is flexible, supporting static as well as mobile On-The-Move (OTM) operational scenarios. It can be deployed on a wide array of platforms utilizing different deployment methods: Cell-On-Wheel (COW) designed for static / On-The-Halt (OTH) operations; vehicular or man-pack version to assist in areas that are hard to reach; and an airborne cell that can be installed on UAVs, drones or tethered drones to provide extended network coverage to the public safety and HLS forces operating in the disaster zone.



MISSIONS






Homeland  
Security

# Features

- Independent operations and/or interoperable with existing networks - commercial LTE, TETRA/P25
- Multiple deployment options - Private independent network, MVNO or based on commercial network infrastructure
- Enabling mission critical high bandwidth services - MC-PTT, real time video, positioning, IoT with additional mission critical sensors and application
- LTE supporting devices: commercial smartphones, sensors, tablets and other
- Seamlessly integrates with ELI-8950 RES-Q-CEL Search and Rescue Cellular Locator System

# Specifications

Unit / Function	Tac4G Macro LTE	TacMAN Man-pack / vehicular	Air-TM Aerial
			
<b>Main Operational Scenario</b>	On the Halt - deployable solution	On-the-Move	4G LTE cell for aerial deployment
<b>Number of active users</b>	~ 2500 total per eNodeB, (dependent on number of cells/RRH of the eNB)	32	32
<b>Dimensions</b>	19 in (48.3 cm) modules; 3 U high each (modular)	13 x 9.45 x 5.1 in (330 x 240 x 130 mm)	8.7 x 7.1 x 3.3 in (220 x 180 x 85 mm)
<b>Weight</b>	~ 132.3 lbs (60 kg) for single band system	12.1 lbs (5.5 kg) without batteries	4.4 lbs (2 kg)
<b>Power Consumption</b>	~ 1 KW	35 W; Battery fed; Hot swappable	35 W

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