

Introducing the Allerio Mobile Hub

The Allerio Mobile Hub gives first responders the flexibility to reliably transmit and receive critical data in the field over a highly secure, optimized communications platform.

The Allerio Mobile Hub is a portable solution and works by connecting to the public safety prioritized FirstNet network in the field, where first responders have “always-on” priority access to the network for reliable coverage.

This technology is changing the way first responders connect with their departments, dispatch centers and other supporting facilities to help ensure the near real-time transfer of critical data.



Key Benefits

- FirstNet Ready™ device with access to Band 14, priority network access, preemption for first responders, and additional security with CTIA IoT Cybersecurity Certification
- Portable connectivity with optimized antenna configuration for better throughput and coverage in the field, without having to stay near a vehicle
- Sold as a Platform-as-a-Service including:
 - The Allerio Mobile Hub
 - Monthly data plan to reduce administrative overhead of LTE wireless contract management
 - Device maintenance, service and 24/7 customer support backed by our industry leading 15-minute resolve and replace guarantee
 - Upgrades to future proof connectivity needs to minimize capital expenditures
 - Near real-time device monitoring and GPS location tracking on customizable dashboard or integration with CAD, fleet management and other location-based applications
- Fully encrypted data communications to the cloud over WireGuard VPN
- Public safety specific hardware and software integration, including 12-lead case push ready with patient monitors, ePCR and telemedicine ready with hospital workflow platform (i.e., Pulsara)
- Easy one-button activation for turnkey operations, automatically providing WiFi to seven (7) devices for prioritized, secure data transfers over FirstNet to the cloud
- LED indicators for battery life
- WiFi range up to 50m

NAME	Allerio
MODEL	AMH100
PROCESSOR	Qualcomm APQ8016E Application Processor
LTE	Cat-12 LTE Advanced Pro Modem with HSPA Fallback
WI-FI	WiFi range up to 50m with 7 connected devices. Module 802.11ac MU-MIMO: WMU6202 (IEEE 802.11 a/b/g/n/ac + BT4.2)
CLOUD	Amazon AWS Cloud
SUPPORTED RF BANDS	1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 20, 25, 26, 29, 30, 41. Downlink Cat 6: (FDD 300Mbps, TDD 222Mbps). Uplink Cat 6: (FDD 50Mbps, TDD 26Mbps)
RUGGEDIZATION	IP55 high impact, jetted water and dust resistant rating. Freezer tested.
GPS	GPS/GALILEO (NMEA 0138 V3.0)
EXTERNAL CONNECTORS	Fast high power up to 24 Watt USB-C (Charging)
OPERATING TEMPERATURE	- 4°F to 131°F
OPERATING TIME	~ 6 hrs. at nominal use
CHARGING TEMPERATURE	32°F to 114°F at maximum power with reduced power from 115°C to 140°F
CHARGING TIME	< 3 hrs. at 77°F with 2700 mA and 8.70 V
DIMENSIONS	7.2 (L) inches x 8.9 (W) inches x 1.0 (H) inches
WEIGHT	~ 2 lbs
MATERIAL	Plastic with aluminum heatsink
INPUT RANGE	5-20 VDC
ACCESSORIES	Rugged enclosure, carabiners, USB-C cable and fast-charging adapter



For more information visit: allerio.com

Important Information

Coverage: The Solution operates in the domestic United States. However, wireless data coverage is not available in all areas. AT&T coverage maps are available at att.com/business/coverage. Wireless data coverage is subject to transmission limitations and terrain, system, capacity and other factors.

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