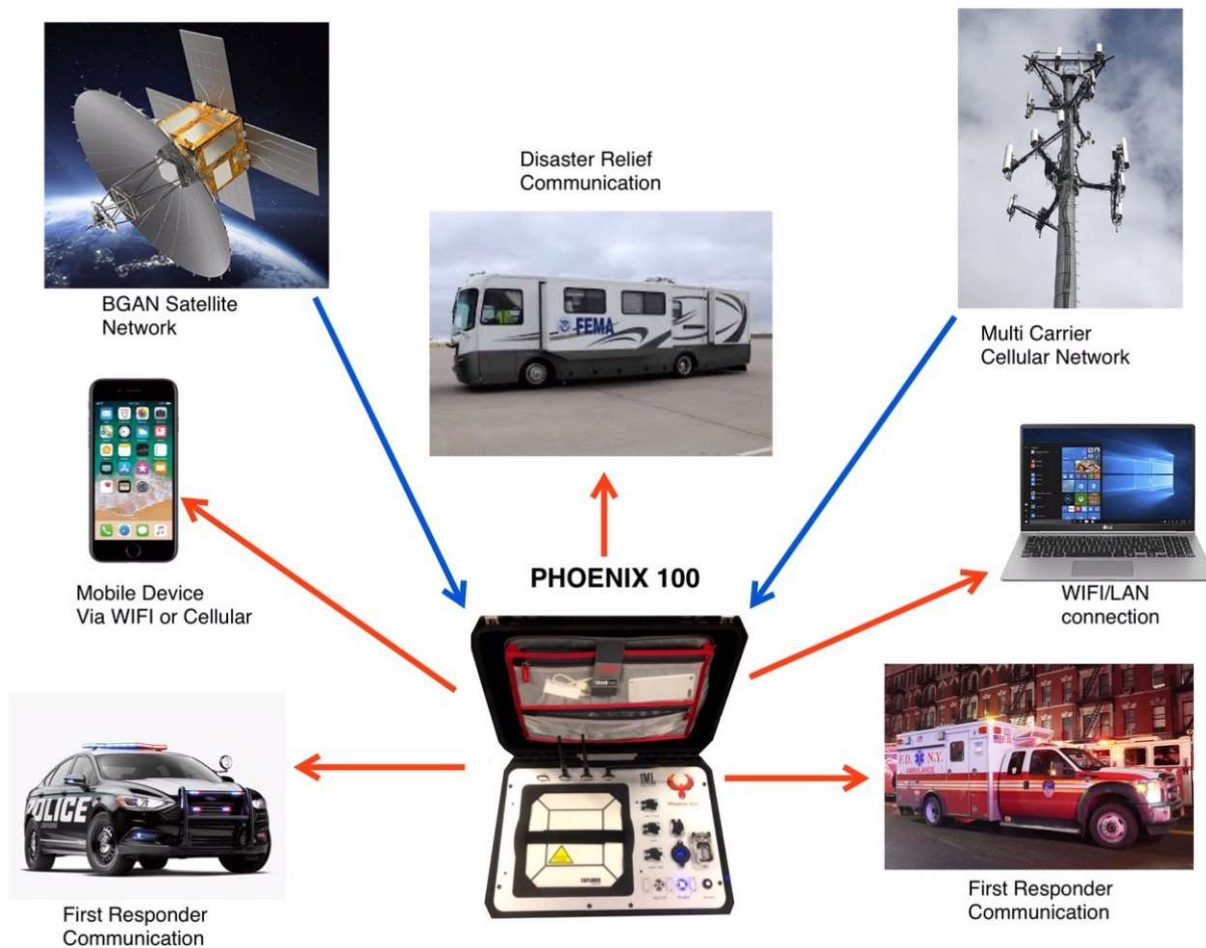


## Phoenix 100

Field Communications Router Reliable Communication, Anytime, Anywhere



### More Information:

Web Link Presentation: <https://www.esc.guide/iml>  
Official Web Site: <https://www.imlcorp.com>  
Product Web Site: <https://www.phoenix-100.com>



### Phoenix 100

The Phoenix 100 Field Communications hub provides voice and data communications, anywhere in the world, automatically choosing the least-cost route, getting you on-line when it counts most. The Phoenix 100 connects via 3G/4G LTE, BGAN Satellite, and WiFi. The Phoenix 100 is man-portable, under 18 lbs. and can be operational in less than 10 minutes with minimal training.

A single 3G/4G SIM, depending on the local service provider, allows for up to 25 simultaneous calls.

The Phoenix 100 Field Communications hub provides a best-in-class WiFi access point using diversity reception and legal-limit power to provide the greatest range possible. The unit actively adjusts network settings in real time in order to optimize WiFi range.

### Interfaces:

- 100baseT WAN port
- 100baseT LAN port
- 2x SIM for 3G/4G cellular
- Diversity 802.11 b/g/n WiFi 30dBm (limited by country regulations)
- BGAN satellite terminal
- Weather-resistant power connection

### Voice Capabilities:

- Up to 5 simultaneous, active voice conversations to POTS using BGAN
- Up to 25 simultaneous, active voice conversations to POTS using 3G/4G, or local WAN
- Up to 50 simultaneous, active voice conversations between Phantom units

### Temperature:

- Operational
- -20C – +40C (non-condensing)
- Dust and Water rating: IP 56 (TBC)

**Power:**

- AC adaptor: 120/240V in, 15V 3A out
- DC in: 12-20V DC, 3A max
- Built-in Battery 6 hour charge, 12-14 hour runtime.
- On-screen, real-time battery status update
- IPV6 enabled and ready
- Solar Power ready

**Case Features:**

- Watertight, crushproof and dust proof construction
- Double Throw latch system
- O-ring seal
- Rubber Over-Molded Handle
- Automatic Pressure Equalization Valve
- Stainless Steel hardware and padlock protectors
- Unconditional Lifetime Guarantee
- EMP Shielded

**Specifications:**

- 16.00" x 13.00" x 6.87", 18 LBS
- Linux-based hardened, embedded operating system
- Automatic, policy-based WAN switching allows failover/fallback to 4G / Satellite / local as needed
- Automatic failover across geographically remote servers
- Transparent gateway for VPN and Crypto systems
- Supports from 5 to 20 simultaneous voice lines depending on available WAN Bandwidth

