FEATHERLITE™

COMPLETE STANDALONE UAV DEPLOYABLE LTE Network Payload in an Ultra-Light Package

One Platform can cover vast area equivalent to coverage provided by several Terrestrial Cell Towers.

Note: LTE network payload only, Drone not included
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5G Model Under Development

FEATURES

- UAV mountable LTE Network Payload
- Integrated LTE Radio Base station (eNB), vCore- Virtualized 3GPP LTE Core, HSS, PCRF & IMS for VoLTE
- Optional Encrypted Secure Voice, Video, MCPTT, Conferencing & Unified Messaging
- WAN port for IP Backhaul
- 100+ active simultaneous users/sessions
- Pre-integrated Network Management
- Operation Simplicity - One switch operation
- Aerial platform agnostic

SPECIFICATIONS

- 3GPP & IOPS compliant
- Tx Power: 1 Watt (2 x 2 MIMO) & 5 Watt model available upon request
- Bands 3, 7, 14 & CBRS B48 OnGo
- 5, 10 & 20 MHz FDD/TDD supported dual cluster available
- Clock Sync: GPS & IEE 1588 v2
- Low Power consumption: 56 Watt typical @ 1 Watt MIMO
- Dimensions: (H) 7.5” x (W) 7.5” x (D) 3.75”
- Weight: 6.5 pounds (varies with features)
- IP-64
- Advanced System on a Chip technology for smaller, lighter and more energy efficient eNB