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TIK-US&R Tactical Internet Kit For Urban Search & Rescue and Portable Communications Applications



The above Tactical Internet Kit (“TIK”) is configured with one Cradlepoint IBR-1100 and one MC-400. The front panel is configured for 115VAC input power, or 12-13.8VDC via solar panels or other external 12-13.8VDC source. 14.6VDC is required to charge the internal batteries. Back-lit power switch and digital volt meter are provided. In addition, weather resistant jacks for WAN, LAN or POE are provided along with two Wi-Fi antenna jacks and four cellular antenna jacks.

The system is powered by two 12V 9.6 AH lithium iron batteries in addition to an internal 14.6VDC 10 amp power supply/battery charger. The internal batteries will power the system for approximately 20 hours on stand-by and 9 hours with 3+ users and POE utilization.

Dimensions: 21”W x 18”D x 9” H
Weight: 25 lbs.

Multiple cable configurations are available • Call or email for a quote

TIK-US&R

Tactical Internet Kit

For Urban Search & Rescue and Portable Communications Applications



The CradlePoint COR IBR1100 Series is a compact, ruggedized 3G/4G/LTE networking solution designed for mission critical connectivity in the most challenging environments.

Ideal for in-vehicle networks including police cars, ambulances, and mass transit, this cloud-managed solution provides organizations the ability to scale deployments quickly and manage their vehicle networks easily in real time.

With an extensive list of safety and hardening certifications, the COR IBR1100 is engineered to protect against extreme temperatures, humidity, shocks, vibrations, dust, water splash, reverse polarity and transient voltage.

Key Features

- Cloud-managed for zero-touch deployment and intelligent management
- Internal 3G/4G modem with secured SIM card access and dual SIM slots
- LTE support for all major U.S. carriers and Europe/international operators (failover to HSPA+ or EVDO)
- Software-defined radio supports multiple carriers (Gobi)
- WiFi (IBR1100) and non-WiFi versions (IBR1150) available: IBR1100 includes dual-band dual concurrent 2.4/5 GHz 802.11 a/b/g/n/ac WiFi; 2 x 2 MIMO with two external dual-band antenna connectors
- Ignition sensing
- Ruggedized: protects against vibration, shock, dust, splash, & humidity
- Built-in transient and reverse polarity voltage protection; 9–36 DC voltage input range
- Integrated temperature sensor
- Three 10/100 Ethernet ports (LAN/WAN configurable)
- Antenna connectors for external cellular modem (two) and active GPS (one)
- RS-232 serial port

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Cradlepoint MC400 Integrated 4G LTE Modem



Features

- Dual SIMs available on most SKUs
- Dual-modem capability on router models that support a 2nd modem
- Active GPS available on LPE, LP3, and LP6 models
- Category 3, 4, and 6 LTE models available for North America, Europe, Middle East, Africa, Asia Pacific, Saudi Arabia, and public safety

Each modem includes two 2FF SIM slots for even more data plan diversity options and is available in the following versions:

- MC400LP6 Cat 6 LTE Advanced (300/50 Mbps) with SIM-based auto-carrier selection for all carriers in North America and Europe
- MC400LP5 Cat 6 LTE Advanced (300/50 Mbps) with SIM-based auto-carrier selection for Asia Pacific and Saudi Arabia carriers
- MC400LP4 Cat 4 LTE (150/50 Mbps) with SIM-based auto-carrier selection for Verizon, AT&T, T-Mobile, and Canada
- MC400LPE Cat 3 LTE (100/50 Mbps) with a software-defined radio with SKUs for Verizon, AT&T, Sprint, and Generic (additional carriers in the U.S. and Canada)
- MC400LP3 Cat 3 LTE (100/50 Mbps) for Europe
- MC400L2 Cat 3 LTE (100/50 Mbps) for Band 14 LTE public safety/FirstNet

TIK-US&R Tactical Internet Kit Antenna Options

On-Device Antennas



Cellular and Wi-Fi antennas for non-tri-pod deployment
Multiple cable configurations are available • Call or email for a quote

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Tactical Internet Kit

Antenna Options



Portable Antenna System with Tri-Pod, cabling, multi-band antennas and connectors



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