TACTICAL RAPID COMMUNICATIONS KIT

SIMPLY CONNECT

The TRaCK is a self-contained, ruggedized communications kit completely trailed to your needs. Our custom solution provides reliable and fast access, even in remote areas.

KEY FEATURES

> Up to 48 hours of operations on battery
> Single or Dual Cellular Modems
> Connect via any internet service (SAT, Metro E, WiFi as WAN, etc.)
> Optional embedded phone system & universal radio gateway

VOICE. DATA. AND MORE.

Connect how, where, and when you need to. Any WAN Service can be used to connect and each box is built to meet your mission critical needs.

Customize the TRaCK with additional features such as power ports for recharging, additional batteries, or propietary equipment.

INDUSTRY EXPERTISE

The TRaCK is built to withstand the wear and tear of the toughest industries including emergency management, law enforcement, military, film, event management, and construction.

Our team has experience in many of these industries and will ensure that your TRaCK is suited to fit your needs.

Cradlepoint IBR1700:

- Multi-carrier 4G LTE Advanced support with dual SIM capability
- Supports Ethernet (Satellite, T1, DSL, Cable, Metro Ethernet), WiFi as WAN, and Metro WiFi

WAN:

- Dual-modem capable MC400 Slot.
- Integrated 600M LTE Advanced 600 Mbps modem with DC-HSPA+ failover Auto Carrier Selection for all North American, European, & Asia Pacific carriers)
- Includes Support for 700 MHz & Band 28 in Asia Pacific
- FirstNet Ready (Band 14)
- Five LAN/WAN switchable 10/100/1000 Ethernet ports - one default WAN
- WiFi as WAN
- Failover/Failback
- Load Balancing
- Advanced Modem Failure Check
- WAN Port Speed Control
- WAN/LAN Affinity
- IP Passthrough
- Standby

LAN:

- VLAN 802.1Q
- DHCP Server, Client, Relay
- DNS and DNS Proxy
- DynDNS
- UPnP
- DMZ
- Multicast/Multicast Proxy
- QoS (DSCP and Priority Queuing)
- MAC Address Filtering
- STP2
- GPS Broadcast to LAN

Power:

- DC input steady state voltage range: 9–36 VDC (requires inline fuse for vehicle installations)
- Reverse polarity and transient voltage protection per ISO 7637-2
- Ignition sensing (automatic ON and time-delay OFF)

Power Consumption:

- Idle: 600mA@12VDC (8W)
- Typical: 1.1A@12VDC (14W)
- Heavy Usage: 2A@12VDC (24W)

Temperature:

- −30 °C to 70 °C (−22 °F to +158 °F) operating
- Includes temperature sensor with options for alerts and automatic shutoff

Humidity *(non-condensing)*:

- 5% to 95% operating
- 5% to 95% storage

Ports:

- Power + GPIO (1 input/1 output)
- 20 pin GPIO
- USB 2.0
- 5 Ethernet LAN/WAN
- 2 cellular antenna connectors (SMA)
- 1 active GPS antenna connector (SMA)
- 6 WiFi antenna connectors (R-SMA)

Case:

- Waterproof
- Impact resistant
- Conditional lifetime guarantee
- Crushproof
- Rustproof
- Powerclaw™ latching system
- Soft grip foldable handle
- Lightweight NK-7™ resin
- Padlockable
- 100% stainless steel hardware
- Automatic pressure release valve
- Integrated lid stay
- Stackable
- Meets airline carry-on regulations

Exterior Dimensions and Weight:

- L18.7" x W14.8" x H7.0" (L432mm x W300mm x H163mm)
- Weight (empty): 6.2 pounds | 2.8 kg
- Lid depth: 2.1" | 53mm
- Base depth: 4.3" | 108mm
- Material: Polypropylene or Polypropylene with NK-7™ resin.
- Temperature range: Min -20°F (-29°C) Max 140°F (60°C)
- Airline carry-on: Yes
- Warranty: Conditional lifetime guarantee
- Colors: Available in black, silver, orange, yellow, or dark green

Cellular Antennas (4):

- Frequency Range (MHz) 698-960 / 1710-3800
- Operational Band: 2G/3G/4G LTE
- Peak Gain: 698-960 MHz 4dBi, 1710-3800 MHz 6dBi.
- Gain: Isotopic

GPS/GNSS Antenna:

- Frequency Range (MHz) 1562-1612 MHz
- Gain: LNA 26dB
- VSWR: <2.0:1 ± 4MHz
- Operating Voltage: 3-5VDC (Fed via Coax)

WiFi Antennas (4):

- Frequency Range (GHz) 2.4/5 Impedance 50Ω
- VSWR <2.0:1 @ 1575MHz ± 4MHz
- Gain: Isotopic
- Polarization: Vertical
- Maximum Input Power: 25W

Mechanical Data:

- Dimensions mm (inches)
- Base Height 48 (1.9")
- Base Diameter 170 (9.7")
- Operating Temp (°C) -30° / +80°C (-22° / 176°F)
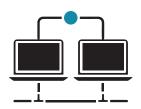- Material: ASA/Diecast Aluminum
- Ingress Protection: IPX9K
- Color Black

18 to 48 Hours Run Time
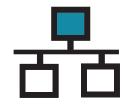
On a single charge depending on usage and configuration

WAN Failover

TRaCK can load balance or failover to any internet service, SAT, DSL, Cable, etc.

Single Switch Operation

Power up en route to a destination with the flip of a single switch - simple setup

Back Up Internet

Up to 4 LAN and 1 WAN port with Gigbit speed

Rugged Build

Work anywhere - TRaCK is enclosed in a weather proof IP67 case and meets MILSPEC standards.

4G LTE Ready

Fast and secure LTE up to 1 gbps on the carrier of your choice. Can also generate standard WiFi for up to 100 client devices.

Carry on Compatible

TRaCK complies with TSA and US airline carry on standards, giving your connectivity a global reach

FirstNet™

TRaCK can be paired with AT&T FirstNet to provide mission critical field communications.

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