

Critical Communications Kit CCK-2000 Series

Our Critical Communication Kits have been designed by our experts with over 30 years of hands-on experience in disaster response and recovery. All items in the kit have been chosen based on actual real-world usage in the field.

Overview

The Critical Communications Kit-2000 provides individuals or small teams a quick-deploy Internet hotspot kit that can be carried on or checked on an airplane, or shipped. Its case features custom foam in a rugged waterproof case. It includes power options of internal battery, external AC/DC, or solar power. When you need vital emergency or routine communications in remote or disrupted service areas, our Critical Communications Kits are there for you.

Key Features & Benefits

- **Global Network Coverage:** Operates on the Inmarsat I-4 Satellite Constellation.
- **Compact and Portable with Built-In Wi-Fi:** Easy to set up and operate, includes smartphone app (iOS and Android).
- **Complete Kit with all Essential Accessories:** AC/DC power cables, external antenna, spare battery, solar panel.
- **Ruggedized Custom Case:** Custom foam case, shippable, and meets airline carry-on requirements.
- **Versatile Power Options:** Long battery life, AC/DC options allow kit to be mobile.
- **Charge Anywhere by the Power of the Sun:** Solar panel allows kit to be virtually off-grid.



Applications

- **Government/Military:** Federal, state, and local applications including DoD, park rangers, and border protection.
- **Humanitarian Assistance/Disaster Response Agencies (HA/DR):** DHS, FEMA, HHS, and NGO's
- **Utilities:** Power, water, oil fields, off-shore drilling, and rural areas.



CCK-2000 Series

Global Coverage

The CCK-2000 utilizes the Inmarsat Broadband Global Area Network (BGAN). It operates on the I-4 geostationary satellite constellation. You can depend on having worldwide coverage, except the extreme polar regions.

Easy to Use/Point

To use the CCK-2000 just connect your smartphone, tablet or laptop, point the EXPLORER 510 toward the satellite using the built-in compass and sound indicator to ensure your quick and easy connection to the BGAN network.

Rugged Hard-Shell Case with Organizer

The CCK-2000 series kit has everything you need neatly stored in a transportable carrying case. The compact case can be carried on any major international or domestic flight or shipped in its own case without any additional packing required.

High Throughput

The CCK-2000 supports simultaneous voice and broadband data up to 464 kbps, and live streaming as well. It is the perfect amount of data for an individual or a small team. For a larger team, check out the CCK-3000.

Built-in Wi-Fi

The CCK-2000 features built in Wi-Fi for connection to devices as well as a USB to Ethernet adapter. The EXPLORER Connect App allows access to control your BGAN and pointing assistance. Compatible with iOS and Android. The optional EXPLORER LTE Modem enables you to connect to local cellular networks and use the EXPLORER 510 as wireless router for all your devices.

Solar Panel

The CCK-2000 series comes with a 60W foldable solar panel. It measures at a small 9.8" x 7.9" x 2.6" when folded and expands to 44.1" x 19.8" x .1" when fully expanded to its 10 panels. It comes with a USB 5V output and 19V DC output to ensure power for a variety of devices to fully power the EXPLORER 510.

Explorer Bag Contents:

- Explorer 510 (TT-3711A)
- Power Adapter (AC/DC)
- Power Cord (US)
- Power Cord (EU)
- Ethernet to USB Adapter
- Ethernet Cable RJ-45 (10ft)

Solar Panel Bag Contents:

- Solar Panel, Foldable 60 Watt

Explorer Bag Contents:

- DC to DC cable
- Battery Alligator Clips
- Cigarette Lighter Plug Cable for Car Battery
- USB to 55x21mm Female Connector Cable
- 11-in-1 Misc. Power Connectors- (Fit for laptops ect.)
- Aviation Plug
- MC4 Connector



CCK-2000 Series

Complete Kit Specifications

Dimensions 16.44" L x 13" W' x 6.82" H (Exterior Dimensions)

Weight 17 lbs

Custom foam

Comprehensive quick start guide

510 Terminal Specifications

Capabilities

Data Standard: up to 464 kbps
Streaming: 32, 64 & 128 kbps

Voice Standard: 4kbps
Streaming: 3.1 kHz audio, 64 kbps

Interface & Frequencies

WLAN Access Point Standard IEEE80211 b/g/n

1 X USB Host Interface

1X BGAN SIM-Card Slot Version: 2.0 (host)
Charging: Up to 1A

Power

DC Input Range - Input: 100-240VAC, 47-63HZ, 64W. Output: 19VDCV

Built-in Battery - Lithium ion (rechargeable):

Stand-by time +32°F to +131°F
Standard call Minimum 3h (TBC)
Receive time, max. 4h40m @ 128kbps
Transmit time, max. 2h25m @ 128kbps
Recharge time Less than 3 hours
Charge temperature 0°C to 45°C / +32°F to +113°

Power Consumption:
Standby/transmit 2.8W/19W (typical)
During charging 20W (max)
Connector type .1" EIAJ RC-5320-

AC/DC Power Supply:
Input 100-240VAC, 47-63Hz, 64W
Output 19VDC

Basics

Dimensions 7.8" x 7.8" x 1.6"

Weight 3.1 lbs

Solar Panel

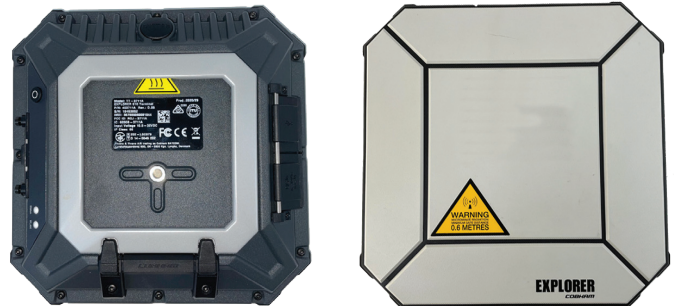
Dimensions 9.8" x 7.9" x 2.6" (folded)
44.1" x 19.8" x .1" (expanded)

Weight 3.3 lbs

DC 19V/3A

USB 5V/2A, 9V/2A, 12V/2A

10 panels when fully expanded



Environmental Conditions

Relative Humidity 95% non-condensing at +104°F

Robustness 1.64 ft drop on concrete (operational, 95% survival)

Water and Dust IP-66 Compliant

Temperature -13°F to +131°F (Operational)
-13°F to +176°F (Storage)

Battery Storage Temperature:

1 Month -4°F to +140°F,
3 Months -4°F to +113°F,
1 Year -4°F to +77°F