

CFK 100E Compact Flyaway Kit

Overview

Integral Systems SATCOM Solutions division's CFK 100E is an integrated kit supporting simultaneous voice, video and data communications over classified (red) and unclassified (black) networks from anywhere via two removable Cisco ASA5505 security appliances for red/black separation and an Explorer 700 BGAN satellite terminal. The kit is packed in two airline carry-on backpack cases and hard cases and includes a webcam and headset for remote videoconferencing. The integrated Power Supply and Smart UPS can be powered via AC, DC or standard BB-2590 rechargeable batteries and powers various network encryption devices including KG250, KG175D or Talon Type 1 Encryption PCMCIA card. For legacy secure networks, a STE phone (not included) can be connected using KlasHopper PCMCIA card.

BGAN Terminal Interfaces

- Two ISDN Ports
- Two Black LAN Fast Ethernet RJ45 Data Ports
- Two Two-Wire RJ-11 POTS Phone Ports
- WLAN 802.11 B/G; Bluetooth – Class 1
- External Antenna (10 meter cable provided)

Detailed Specifications

- Communications Case – 23.5"L x 14"W x 10"H; Weight: 36.5 lbs without hard case; 64.5 lbs with hard case (without optional GFE)
- Accessories Case – 23"L x 14.5"W x 12"H; Weight: 16 lbs without hard case; 40 lbs with hard case (without optional GFE)
- Power Input: 90-264 Volts AC 50/60 Hz or 11-30 VDC
- Operating Temperature: 32° to 104°F (0° to 40°C)
- Humidity: 5 to 95%, Non-Condensing
- Battery Backup: Up to 3 Hours

Accessory Equipment (GFE / optional)

- Cisco ASA5505 Adaptive Security Appliance (2 per kit required)
- Talon Type 1 Encryption PCMCIA Kit (*optional*)
- KlasHopper 600 PCMCIA ISDN Adapter (*optional*)
- KG250 or KG175D HAIPE Inline Network Encryptor (*optional*)
- XR-1/GD8000 or Dell M101Z Laptops, 2 per kit powered, (*optional*)
- Cisco 7961 Voice Over IP (VoIP) Phone, 1 per kit (*optional*)
- BB-2590 batteries, 2 per kit, (*optional*)



Key Features

- Thrane & Thrane Explorer 700 BGAN
- Custom OEM rigid backpacks with nylon covered foam inserts to reduce weight
- Hard cases with handles and wheels for easy storage and transport
- Storage and integrated power for (2) Cisco ASA 5505, KG250/KG175D/STE (GFE), (2) GD XR-1/GD8000 Rugged laptop or Dell Netbook (GFE), (2) BB-2590 batteries (GFE) and accessories
- SMART UPS using Two BB-2590 Batteries
- 802.3af Power-Over-Ethernet for VoIP Support (2 ports per ASA5505)
- 4 Red plus 3 Black LAN Fast Ethernet RJ45 Data User Ports
- USB hub, Scanner, Smart Card Reader, USB Microphone / Headphone headset, Microsoft Lifecam NX-6000 Webcam
- 802.3af Power-Over-Ethernet for VoIP Support (2 ports per ASA5505)