



### CFK-100E Compact Flyaway Kit

The Norsat CFK 100E is an integrated flyaway 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 710 BGAN satellite terminal. The kit is packed in two airline carry-on backpack cases and hard cases and includes a HD 720p webcam and headset for remote video conferencing.

The integrated Power Supply and SMART UPS can be powered via AC, DC or standard BB-2590 or UBI-2590 batteries (UBI-2590 batteries required for supported charge functionality) 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.



### Key Features

The Norsat CFK kits are high performance integrated fly-away kits packaged in two airline carry-on cases. These kits provide secure and non-secure communications via Ethernet connection. Key features include:

- Thrane & Thrane Explorer 710 BGAN
- Custom OEM rigid backpacks with nylon covered foam insets 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, up to (2) Panasonic CF-19 Rugged laptops, E700 BGAN, (2) UBI-2590 batteries and accessories
- SMART UPS with battery back up using (2) UBI-2590 batteries included
- Power-Over-Ethernet for VoIP Support (2 ports per ASA5505)
- 8 Red plus 7 Black LAN Fast Ethernet RJ45 Data User Ports
- USB hub, scanner, smart card reader, USB microphone/ headset, Microsoft LifeCam HD-6000 720p HD webcam
- 802.3af Power-Over-Ethernet for VoIP Support

### Norsat Global Customer Support

All CFK kits are supported by Norsat's global customer support team, who provide assistance for any technical issues. Customer support may include installation, training, trouble-shooting and application support. 24/7/365 support is also available to support mission critical applications.

# NORSAT CFK100E- COMPACT FLYAWAY KIT

## BGAN TERMINAL INTERFACES

- One ISDN RJ45 ports
- Two black LAN fast ethernet RJ45 data ports, POE on 1 port
- One Two-Wire RJ-11 POTS phone port or via smartphone app
- WLAN 802.11 B/G; 1 USB port
- External Antenna (std cable provided - optional 10,30,50,100m)
- Transceiver Water and dust ingress protection: IP52
- Antenna Water and dust ingress protection: IP66
- Plug and play bonding simply connect two EXPLORER 710's and double the throughput

## 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)
- CF-19 Rugged Laptops, 2 per kit powered, (optional)
- Cisco 7821 Voice Over IP (VoIP) Phone, 1 per kit (optional)
- UBI-2590 Li-ion rechargeable batteries, 2 per kit, (optional)

## BASIC CONNECTIONS

