

# IN AN EMERGENCY PICK THE BROADBAND NETWORK YOU CAN TRUST



» BGAN READY  
TALON ENABLED

## Rely on KlasPioneer and the Inmarsat satellite network

**K**lasPioneer is a small and light flyaway case for the first-in communicator. It weighs less than 28lbs and all the components fit in a single, ruggedized case measuring 15.75" x 13" x 6.75". It has a 3 hour battery and accepts a wide range of AC and DC inputs. It is quick to setup and is designed around standard applications such as Microsoft Outlook. It has everything you need to deploy a mobile office to the field including a laptop, red-side router, black-side router, TCP accelerator, phone handset and battery. It supports the Talon type 1 encryption PCMCIA card and includes a BGAN satellite phone for remote operation at broadband speeds.





DC INPUT    BGAN    POWER    VOICE    RED ETHERNET



BLACK ETHERNET    POWER    VOICE    RED ETHERNET

### KlasPioneer Express exhibits the following key features:

- Small Flyaway Case: Everything fits in a single case that is airline carry-on (15.75" x 13" x 6.75").
- Easy to Use: It is quick to setup and uses standard applications such as Microsoft Outlook.
- Fully-Featured: It has all you need for a mobile office: Red-side router, black-side router, Talon PCMCIA card, 3 hour battery, AC/DC inputs, TCP accelerator, laptop, phone handset, 4 port switch.

## Technical Specifications

### Case

Airline carry-on (28 lbs)  
Small size – Pelican 1450 case (15.75" x 13" x 6.75")  
Fully sealed, waterproof case  
All components fit in single case

### Power

110-230V AC Auto-sensing and Auto-switching  
10-36V DC Auto-sensing  
Battery backup for 3 hours for all devices in the system  
Compatible with standard 12V/10A car sockets  
Contains Uninterruptible Power Supply (UPS) with Auto Changeover  
Safety built into design for battery, DC and AC supplies  
Battery is user accessible and removable

### Ease of Use

Automatic network setup and detection  
Uses standard office applications

### Crypto

Fully tested with Talon PCMCIA card over BGAN  
FIPS 140-2 Black-side VPN  
Supports external crypto such as KG-250, KG-175  
Designed to meet Tempest requirements for red and black devices

### Voice

Built-in handset  
Make Mobile to Gateway (PBX) and Mobile to Mobile calls  
Can be integrated into any SIP-based VoIP infrastructure  
Buffers for high jitter BGAN network

### Applications

Use standard desktop applications over satellite  
Outlook optimized for email and attachments  
Sharepoint optimized for viewing, upload and download

### BGAN

Designed for BGAN  
Fits in case when not in use  
Powered by AC and DC  
Extensively tested

### Acceleration (SCPS)

Designed for high latency networks  
Designed for high jitter  
Reacts quickly to changes in bandwidth  
Accelerates all standard TCP/IP applications including Outlook, Sharepoint, and Web browsing

### Network

Attach 4 external red laptops  
Attach 1 external black laptop  
3 red-side voice ports  
Supports BGAN, Hotel Broadband and VSAT