



MARITIME COMMUNICATIONS WITH KLASPIIONEER



» BGAN READY
TALON ENABLED

The mobility of radio with the speed of Inmarsat satellite

KlasPioneer 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