Pioneer Express

(GRRIP, AN/PSC-15)

Klas Telecom's Pioneer Express (GRRIP, AN/PSC-15) is a small and lightweight flyaway communications system that allows access to secure and non-secure networks for first-in communicators. Weighing just 36.4 lb and with all necessary operational components and accessories fitted neatly into a single, ruggedized case measuring 22" x 14" x 9", the Pioneer Express is the only choice for the "Grab and Go" mission requirement.

The system accepts a wide range of AC and DC inputs and the internal battery provides up to three hours of operation. It has a quick set up time of four minutes, and has everything required to deploy a mobile office in the field including a laptop, red-side router, black-side router, power cables and satellite terminal for remote operation at broadband speeds.

COMMUNICATE MORE, CARRY LESS

KLAS

Specifications

Physical
- 22" W x 14" L x 9" H (559 mm x 356 mm x 229 mm)
- 36.4 lb (16.5 kg)
- Fully sealed, waterproof case
- All components fit in single case

Electrical
- 110-230 VAC auto-sensing and auto-switching
- 10-36 VDC auto-sensing
- Battery backup for 3 hours for all devices in the system, (external battery pack or solar options provide 12-15 hours of operation)
- Compatible with standard 12 VDC/10 A car sockets
- Contains Uninterruptible Power Supply (UPS) with auto-changeover
- Battery is user accessible and removable

Electrical
- Operating temperature: 0oC to 40oC
- Storage temperature: -20oC to 60oC

Standards Compliance
- MIL-STD-810F
- CE, FCC Part 15B
- RoHS

Crypto
- Pioneer Express is available with the KG-250XS encryption device
- Fully tested over BGAN
- FIPS 140-2 Black-side VPN
- Designed to meet Tempest requirements for red and black devices

Voice
- Voice capability using Cisco WebEx teams or other soft clients on laptop

Applications
- Use standard desktop applications over satellite
- Microsoft Outlook optimized for email and attachments
- Microsoft Sharepoint optimized for viewing, uploading and downloading

Satellite Network
- Designed for a BGAN satellite terminal
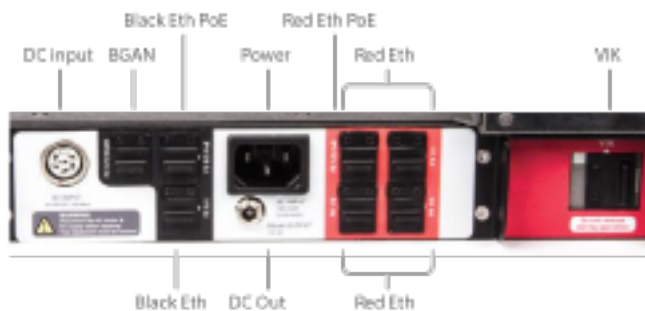- Powered by AC and DC
- Extensively tested

Network
- Supports up to four external red laptops
- Supports one external black laptop
- Supports BGAN, hotel broadband and VSATon laptop

Key Features

- Rugged carry-on case measuring 22" W x 14" L x 9" H
- Separate red and black-side routers utilizing KRTv4 ESm and Cisco 5915 ESR
- Encryption with support for a KG-250XS device
- Voice capability using Cisco WebEx teams or other soft clients on laptop
- Panasonic CF-20 laptop with standard office applications such as Email, Internet, etc.

Component List

- Pelican 1510 type case with built-in storage compartments
- Core module with battery backed red-side and black-side routers
- Logitech C310 webcam
- Panasonic CF-20 laptop

KG-250XS

Quality
ISO 9001