

MOBILE SOLUTIONS

TS/SC1 and below KLASPIIONEER 2500



»» SECRET 54 READY

POWERING Red/Black Comms



KlasPioneer 2500 is a small and light flyaway case providing red and black side communications for the first-in communicator. KlasPioneer 2500 fits in a single airline carry-on case measuring 22" x 14" x 9" and may be charged from wide range of AC or DC inputs. All components have a battery backup of 2 hours and are ruggedized for use in extreme conditions. KlasPioneer 2500 integrates seamlessly with VSAT and BGAN based satellite systems and provides ample port density for mobile teams. The Black module embeds a Cisco 1861 router while providing AC outlets to power and charge user laptops.



Key Features

- Cisco 1861 on black side provides compatibility with existing networks and high port density including PoE, FXS and expansion module
- Red side services are provided by the KlasPioneer 2150, designed to allow for the integration of a SecNet 54/KIV-54 HAIPE encryptor.
- The KlasPioneer 2150 can be removed from the case and used remotely to meet red / black separation requirements. Alternatively if a convergence router is not required the KIV-54's HAIPE NAT traversal feature allows it to be directly connected to BGAN or public Internet services
- Compatible with iDirect VSAT and X-Band next-generation terminals
- KlasPioneer 2500 implements a modular approach that allows the addition of red side modules giving access to multiple enclaves. The system can therefore be expanded as backhaul bandwidth and team-size increases without any downtime
- Customizable storage compartment
- Battery-backed system with large range of AC and DC charge cables to extend operations while in the field
- Standard design used for AC, DC and network interfaces to support cable replacement while deployed

Technical Specifications

Case:

- Pelican 1510 case
- Measures 22" x 14" x 9"
- Weighs 45 lbs
- On/Off switch
- Filtered air-intakes
- Waterproof, dustproof
- Kit may be operated with lid closed via cable pass-through
- Contains separate red and black side modules each with own battery backup

Black side Module

- Cisco 1861 supporting DMVPN, EIGRP
- 8 RJ-45 Ethernet ports supporting PoE
- RJ-45 Ethernet WAN port
- 4 FXS ports
- 4 FXO ports
- Expansion module
- 90-240V, 47-400W AC input
- 10-36V DC input via MIL-STD connector. Screw-in polarity agnostic terminals also provided for greater flexibility
- 2 hour Battery backup using BA2590 rechargeable battery. May be hot swapped with BB5590
- 4 AC outputs capable of powering 4 laptops with a total power budget of 280W
- DC output to charge red side module
- Shock-mounted components

Red side Module (KlasPioneer 2150)

- KIV-54 HAIPE encryption device (Separately priced or as GFE)
- 4 Power over Ethernet ports
- DHCP server supporting Option 150 for Cisco VoIP phones
- VLAN, GRE, static routes
- 2 hour battery backup
- 10-36V DC input
- Wide ranging AC-DC brick
- Shock-mounted components

Contact details

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