CISTECH SOLUTIONS

CHANGING THE WAY
YOU COMMUNICATE

Voyager 8 Plus

As traditional reachback network architectures are supplemented by the need to analyse data on the edge of the network, your compute and communications requirements have grown.

The Voyager 8 Plus chassis increases the power budget of Voyager 8 by 50% to support Klas' Xeon-based compute modules and the expanding range of radio interface brackets.

This provides access to the data that you need in-theater and the ability to analyse and disseminate it.
Can be configured as a tactical data storage network, tactical radio integration system, cross domain suite and more.

COMMUNICATE MORE, CARRY LESS

KLAS

Specifications

Transit Case Size
- 8.8" x 22.5" x 10.1" (478 x 571 x 257mm)
- 21.35kg (47lbs) (excluding batteries)

Transit Case Construction
- Aerospace-grade, carbon fiber monocoque built from single mold structure for maximum strength
- Milled aluminum handles
- O-ring seal around front and rear lids
- Pressure equalization valve

Transit Case Handles and Wheels
- Retractable extension handle
- Handles on top and bottom of case
- Dual heavy duty plastic wheels

Chassis Physical Specifications
- 5U 19-inch rack (additional chassis shelf required - sold separately)

Construction
- Aluminum sheet metal
- Milled aluminum latches
- Eight (8) Voyager network module slots (for use with or without Voyager 1 battery attached to modules)

Operating Temperature Range
- -10°C to 50°C

Storage Temperature Range
- -10°C to 85°C

Input Electrical Specifications
- 21-34 VDC (38 Amp maximum)
- 90-264 VAC (< 10 Amp at 100 VAC)
- Max input current of 10 Amp allowed for NEMA Sockets and Voyager 8 Plus

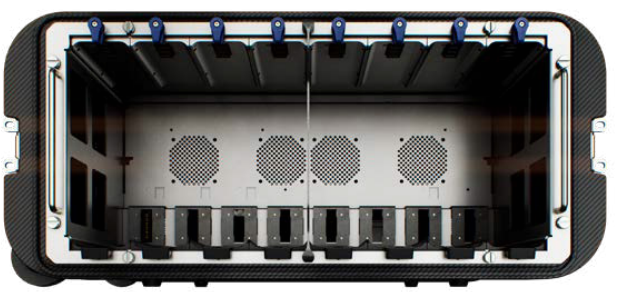
Compute Module
- Intel® Atom™ x5-E3930 dual core processor with 1.3 GHz core frequency up to 1.8 GHz
- 2 MB L2 cache
- 2 GB 2133 MT/s LPDDR4 onboard memory and 16 GB eMMC onboard flash
- 1 Gb Ethernet and console port interface

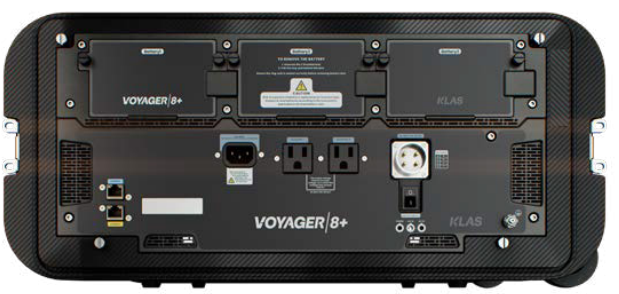
UPS
- 3 x BB-2590 batteries (available in high capacity for extended operation or lower capacity to comply with IATA regulations)

Compliance
- Designed to meet:
  - IP67 case
  - MIL-STD-810H
  - MIL-STD-461G

Key Features

- Supports the full range of Voyager network modules to provide:
  - Routing & switching
  - VoIP
  - Server virtualization
  - Radio Integration
  - WAN acceleration
  - Storage
  - UPS
  - Satellite, terrestrial and cellular backhaul
- Compute module on the rear of the Voyager 8 Plus runs KlasOS Keel and hence provides many familiar features such as a Cisco like CLI for management, SSH, SNMP, and a built-in hypervisor. Features include:
  - LCD display which can be configured to show battery status information
  - Monitoring of battery state and input power state via SMBus and PMBus
  - Reporting of battery and power state
  - User authentication, SSH access, etc. using the same KlasOS codebase as for Common Criteria approved products
  - Built-in hypervisor to allow deployment of a GuestOS, for example, a lightweight management suite to monitor the installed modules





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