



KLAS TELECOM



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winner



COMMUNICATE MORE CARRY LESS

VOYAGER 8

The Voyager 8 chassis provides uninterrupted power for up to eight Voyager network modules, or up to four secure network enclaves, with wide ranging AC and DC power input. The chassis is housed in a carbon fiber transit case that meets airline carry-on size requirements. Modules are severable, may be independently battery backed, and are able to be remotely powered from the Voyager 8 chassis.

Voyager 8 systems can be stacked to form a company command post or higher echelon network support package. Further, for Command and Control On The Move (C2OTM), airborne en route, or other rackmount environments, the Voyager 8 chassis can be removed from the case and mounted in a standard 19" rack.



Figure 1: Multiple secure network enclaves



Figure 2: Single secure network enclave with high port density



Figure 3: Cases stacked for increased user volume



Figure 4: Chassis removed from case for rack mounting

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
- Can be configured as a tactical data storage network, tactical radio integration system, cross domain suite and more

Specification

Transit Case

Size

- 22" W x 14" D x 9" H (559 mm x 356 mm x 229 mm)

Weight

- 12 lb / 5.5 kg

Construction

- Aerospace-grade, multidirectional carbon fiber for maximum strength
- Milled aluminum handles
- O-ring seal around front and rear lids
- Automatic pressure equalization valve

Handles and Wheels

- Retractable extension handle
- Handles on front and rear lid
- Handles on top and bottom of case
- Dual 50 mm cast aluminum wheels

Standards

- IP65-rated case
- Built to MIL-STD-810G

Chassis

Size

- 19" W x 12.4" D x 8.8" H (482 mm x 316 mm x 223 mm)

Weight

- 15.8 lb / 7.2 kg (excluding batteries)
- Each standard BB-2590 battery weighs 2.8 lb / 1.27 kg (Lower capacity BB-2590 batteries available for IATA compliance)

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

- 0°C to 50°C

Storage Temperature Range

- -10°C to 85°C

Input Power

- 10-36 VDC up to 400 W (25 Amp maximum)
- 90-264 VAC up to 400 W

Output Power

- 8 x 12 VDC outputs in backplane to power modules
- 8 x 48 VDC outputs in backplane for PoE support
- Optional 2 x AC outputs available when AC input is present (these outlets are not filtered. Please check the powered device for voltage range before using)
- Optional 2 x 12 VDC outputs

UPS

- 2 x BB-2590 batteries (available in high capacity for extended operation or lower capacity to comply with IATA regulations)
- Provides 414 Wh energy of backup