![CISTECH SOLUTIONS logo]

TRIK-M

Portable package with support for Harris Manpack radios

Voyager 8+ sized case that houses Harris 117G, 158, 160 or 167 radios plus 5 Voyager modules

Features

- Airline checkable Voyager 8+ case/chassis with 600W UPS
- Support for any of the following Harris radios:
  - AN/PRC 117G
  - AN/PRC 158
  - AN/PRC 160
  - AN/PRC 167
- 5 remaining slots for:
  - Voyager modules supporting route, switch, compute, backhaul
  - Radio brackets to integrate additional handheld radios, amplifiers, MANET or Tactical Data Link
  - MRB to support 117G (in addition to the manpack radio slot)

COMMUNICATE MORE, CARRY LESS

KLAS

Options

Transit Case Specifications

Physical Specifications
- 18.8" x 22.5" x 10.1" (478 x 571 x 257mm)
- 23.95kg (52.8lbs) (excluding batteries, radios and modules)

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

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

Compliance
- IP67 case

Chassis Specifications

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

Temperature
- Operating temperature: -10°C to 50°C
- Storage temperature: -10C to 85C

Electrical Input 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

Electrical Output Specifications
- 5 Voyager modules slots with
  - 12 VDC at 120 W
  - 28 VDC at 120 W to power amps
  - 52V for PoE
- 1 x Manpack radio bay
  - 28VDC supply
  - Max draw up to 200W
- 2 x AC outputs available when AC input is present (these outlets are not filtered but are fused to 10 Amp. Please check the powered device for voltage range before using)

UPS
- 3 x BB-2590 batteries (available in high capacity for extended operation or lower capacity to comply with IATA regulations)
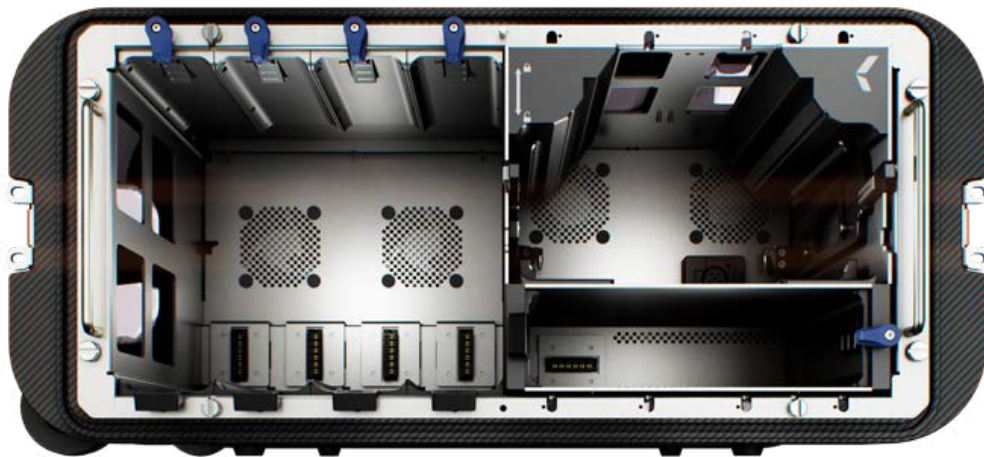
Construction
- Aluminum sheet metal
- Milled aluminum latches

Management Compute Module
- Intel® Atom™ x5-E3940 quad core processor with 1.6 GHz core frequency and 1.8 GHz burst frequency
- 1 Gb Ethernet and console port interface

Compliance
- Designed to meet:
  - MIL-STD-810
  - MIL-STD-461
  - FCC Part 15 B
  - CE
  - RoHS
  - REACH

CISTECH SOLUTIONS

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