



VH3

VIDEO DISTRIBUTION HUB

The MIL-Spec VH3 video distribution system simplifies in-vehicle networking by allowing multiple video feeds to be shared and routed efficiently to all crew members aboard. Weighing in at less than 16 ounces, and at 45 cubic inches (4.62" x 4.62" x 2.1"), the VH3 is an optimal component for SWAP demanding applications. This product includes a 28 volt pass through, 5V supply for accessory devices, three (3) RS-170 video inputs, and eight (8) impedance matched amplified RS-170 outputs. The system is an ideal solution for situational awareness objectives in armored land vehicles, rotary and fixed wing aircraft, search and rescue and border patrol operations. With a fully sealed enclosure, wide operational temperature range, low power consumption, MIL-STD-461, 810, 188/125 (HEMP) and 1275 compliant, the VH3 video system is the answer to reduce costs, weight, cable management and integration challenges for the toughest applications.

STANDARD FEATURES

- RS-170 Inputs (3), NTSC or PAL
- RS-170 Outputs (8)
- 28 VDC Power Input
- 28 VDC Power Output
- 5 VDC Power Output
- Power ON LED Indicator
- IP67/NEMA 6 Enclosure

TECHNICAL SPECIFICATIONS

- Power Consumption: 100mA
- Video Output Impedance: 75ohms
- Dimensions: 4.62" x 4.62" x 2.1"
- Weight: 0.94lbs
- MIL-C Connectors* 38999 Series III
- Housing: Milled Aluminum, Black Hard Anodized (CARC Finishes Available)
- IP67/NEMA 6 Enclosure



* Cables not included

ENVIRONMENTAL SPECIFICATIONS

- IP67 (NEMA6 Submersible)
- Operating Temperature -40°C to 71°C (-40°F to 160°F)
- Storage Temperature -51°C to 71°C (-60°F to 160°F)
- Humidity 0-100%
- Altitude 45,000 ft
- MIL-STD-188/125 (HEMP), 461, 810, 1275 Compliant