

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. At less than 16 ounces and 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) RS170 video inputs, and six (6) impedance matched amplified RS170 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, MIL-STD 810, and MIL-STD-188-125 (HEMP) compliant, the VH3 video system is the answer to reduce costs, weight, cable management and integration challenges for the toughest applications.

STANDARD FEATURES

- (3) RS170 Inputs, NTSC or PAL
- (6) RS170 Outputs, (2) per Input
- 28 VDC Power Input
- 28 VDC Power Output
- 5 VDC Power Output
- 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: 26482 and 38999
- Housing: Milled Aluminum, Black Hard Anodized (CARC Finishes Available)
- IP67/NEMA 6 Enclosure

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 (EMI), 810 (Environmental), 1275 (28V DC Power) Compliant



* Cables not included.