



# VH4

## HIGH-DEFINITION VIDEO SWITCH

The powerful Mil-Spec VH4 video switch processes, manages, and distributes high definition HD-SDI video. With 4 inputs and 3 processed video outputs, the VH4 is the ideal network device to efficiently supply video throughout any vehicle. Video distribution, Built In Tests (BIT), and view settings such as Picture-In-Picture, Picture-Over-Picture, and Quad View are easy to remotely manage via CANBus, RS422, and/or USB protocols. The miniature footprint of 5" x 5" x 1.13" and weight of less than 1 pound allow for flexible integration into compact installations. The fully sealed enclosure, wide temperature range, low power consumption and rugged Mil-Spec design permit 24/7 operation in the most demanding environments.

### TECHNICAL SPECIFICATIONS

- Inputs: HD-SDI SMPTE 292 (4), Up to 1920 x 1080 resolution
- Processed Outputs: HD-SDI SMPTE 292 (3), Up to 1920 x 1080 resolution
- Dual CANBus (J1939), RS-422, and USB Interfaces
- Remote Programming: View Settings, Video Port Assignment, BIT Behavior, Video Scaling, and Baud Rate
- PIP, POP, Quad View
- 12-36 VDC Input
- Dimensions: 5" x 5" x 1.13"
- Weight: 0.93 lbs
- Housing: Milled Aluminum, Black Hard Anodized
- IP67/NEMA 6 Sealed Enclosure



\* Cables not included

### ENVIRONMENTAL SPECIFICATIONS

- 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-461
- MIL-STD-810
- MIL-STD-1275
- IP67 (NEMA 6 Submersible)

