



KVM Switch



The KVM Switch is a four-port keyboard-video-mouse (KVM) switch that supports DVI-I video, along with keyboard, mouse, and Common Access Card (CAC) peripherals.

The KVM Switch is a repackaged Blackbox KVM and is wired to support VGA and DVI-D Dual Link. (It's qualified to VGA and DVI-D Single Link.)

Features

- NIAP 3.0 and NATO SDIP Level B certified
- DVI-I interface for console video communication
- Three USB 2.0 compatible interfaces for communications with keyboard, trackball-mouse, and Smart Card Reader
- Supports both digital and analog video signals
- Interfaces with the MPS Display
- Supports four client ports
- Meets FAA Airworthiness requirements IAW the Project Specific Certification Plan (PSCP)
- Front-panel handle



Specifications

- Power Input Voltage: 48VDC
- Power Output Amperage:
- Max Power Draw: 10W
- Max Current: 0.21A
- Thermal Dissipation: 9W max
- Frequency Range: 30MHz to 18GHz

Dimensions (EIA-310 Compliant)

3.34" W x 15.85" H x 10.00" D

Weight

10.5 lbs. max (10 lbs. typical)

Indicators

Ports 1-4 status

Environmentally Qualified to the Following Standards

- Electrical Power – MIL-STD-704F
- Temperature – RTCA DO-160G, Section 4, Category A1
- Altitude – RTCA DO-160G, Section 4.6.1, Category B1
- Rapid Decompression – RTCA DO-160G, Section 4.6.2, Category A1
- Temperature Variation – RTCA DO-160G, Section 5, Category C
- Temperature Shock – MIL-STD-810G
- Combined Temperature and Altitude – MIL-STD-810G
- Operational/Non-Operational Overpressure – RTCA/DO-160G Section 4.6.3, Category A1
- Standard Vibration – RTCA DO-160G, Section 8.5, Category S
- Explosive Conditions Atmosphere – RTCA DO-160G, Section 9
- Bench Handling – MIL-STD-810G, Method 516.6, Procedure VI
- Crash Safety – RTCA DO-160G, Section 7
- Electromagnetic Effects – CS101, RE102, CE102, CS114-CS118, MIL-STD-461G
- Humidity – MIL-STD-810G, Section 507.5, Procedure II
- Robust Vibration – RTCA DO-160G, Section 8.7, Category R
- Flammability – RTCA/DO-160G, Section 26.6

