

K202B

HighSecLabs Secure 2-Port, DVI-I KVM Switch











The K202B is a secure 2-port, small-form-factor, DVI-I KVM switch. It supports DVI-I video and VGA video (with an adapter). K202B allows users to share peripherals – keyboard, mouse and monitor – between two different security-level networks/computers. It provides the highest possible isolation between two connected computers.

FEATURES

- Small Form Factor Occupies minimum desktop space.
- Highest Security by Design Common Criteria EAL 4+ approved, compatible with NIAP security requirements.
- Hardware-Based Peripheral Isolation No dependency on firmware or software, all firmware on ROM, no keyboard buffering or memory.
- Unidirectional Optical Data Diodes Assures USB peripheral isolation, data flows from devices to host only.
- Display Plug & Play (DDC) Protection Leakage prevention through patented emulated technology, signaling attacks prevented by design, DDC/EDID fully functional.
- Peripheral Security Full USB device filtering to assure support for keyboard and mouse only.
- Active Anti Tampering System Always-on with 10 years battery, holographic tampering evident labels.

TECHNICAL SPECIFICATIONS

HOST COMPUTER INPUT 2 DVI-I (F) connectors, 2 USB-B connector for keyboard and mouse, 2 unbalanced stereo

PORTS: audio on a 3.5 mm stereo jack.

CONSOLE PORTS: 1 DVI-I (F) connectors, 2 USB-A connectors for keyboard and mouse, 1 unbalanced stereo

audio on a 3.5 mm stereo jack.

CONTROLS: Channel select buttons and status LEDs, optional keyboard hotkeys.

SUPPORTED VIDEO MODES: All single-link DVI resolutions up to 1920x1200, all VGA resolutions up to 2048x1536 (with

cable adapter).

POWER CONSUMPTION: 12V DC, 1A max.

OPERATING 0° to $+40^{\circ}$ C (32° to 104° F).

TEMPERATURE:

STORAGE TEMPERATURE: -40° to +60°C (-40° to 140°F).

HUMIDITY: 10% to 90%, RHL non-condensing.

REGULATORY Safety: UL/cUL60950,EN60 950; EMI/EMC: FCC Class B, CE Mark, EN55022B, VCCI.

COMPLIANCE:

SECURITY Common Criteria EAL 4+ certified, complies with NIAP Peripheral Sharing Switch (PSS) For

ACCREDITATIONS: Human Interface Devices Ver 2.1.

DIMENSIONS: 13.6cm x 6.1cm x 3.6cm (5.4" x 2.4" x 1.41") W, D, H.

WEIGHT: 0.36kg (0.8lbs). INCLUDED ACCESSORIES: Power supply.