KRAMER

K204
HighSecLabs Secure 4−Port, DVI−I KVM Switch

The K204 is a secure 4−port DVI−I KVM switch. It allows users to share peripherals – keyboard, mouse and monitor – between four different security−level networks/computers. In addition to supporting DVI−I dual−link signals, The K204 supports VGA and HDMI interfaces with the use of the applicable adapters. It provides the highest possible isolation between two connected computers.

FEATURES

- **DVI-I Support** - Supports four computers each connected to a single display. Can drive VGA, HDMI and dual−link DVI video.
- **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 (Read Only Memory), 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.
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TECHNICAL SPECIFICATIONS

HOST INPUT PORTS:	4 DVI−I (F) connectors, 4 USB−B connector for keyboard and mouse, 4 unbalanced stereo audio on a 3.5 mm stereo jack.
CONSOLE PORTS:	1 DVI−I (F) connector, 2 USB−A connectors for keyboard and mouse, PS/2 keyboard and mouse connectors (DIN−5), 1 unbalanced stereo audio on a 3.5 mm stereo jack.
CHANNEL SWITCHING:	Front panel buttons, status LEDs, keyboard shortcuts.
SUPPORTED VIDEO MODES:	DVI dual−link resolutions up to 2560 x 1600, single−link DVI resolutions up to 1920x1200, VGA resolutions up to 2048x1536, HDMI supported through adapters or cables.
POWER CONSUMPTION:	12V DC, 1.5A max.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	−40° to +60°C (−40° to 140°F).
HUMIDITY:	10% to 90%, RHL non−condensing.
REGULATORY COMPLIANCE:	Safety: UL/cUL60950,EN60 950; EMI/EMC: FCC Class B, CE Mark, EN55022B, VCCI.
SECURITY ACCREDITATIONS:	Common Criteria EAL 4+ certified, complies with NIAP Peripheral Sharing Switch (PSS) For Human Interface Devices Ver 2.1.