



SECURE 4 PORT DVI-I KVM SWITCHES

The HSL 4-Port DVI-I Secure KVM Switches, K204 & K204E, support four isolated computers each having DVI-I video output. VGA to dual-link DVI and HDMI video interfaces are supported.

The HSL 4 port DVI-I KVM Switches – models K204 and K204E - are especially designed to provide the highest possible isolation between four connected computers.

This Secure KVM is designed to meet the requirements of organizations challenged by the need to provide both secret and top-secret network access together with unclassified or Internet access.

The K204 and K204E are a perfect fit for high-security, multi-network organizations such as government agencies, military and financial institutions, and any other organization that handles sensitive and confidential information.

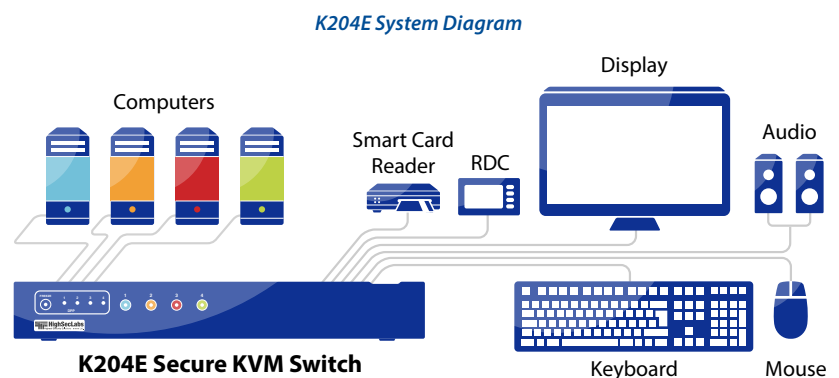
The K204E DVI-I video port supports dual-link DVI and with the appropriate adapters VGA and HDMI as well. Both models are equipped with RDC (Remote Desktop Control) ports that enable user-friendly, comfortable remote control of the KVM switches.

K204E further leverages security by the inclusion of a USB user authentication port (DPP) that enables connecting a Biometric or

Smart Card Reader, requiring the insertion of a physical authentication card or identification of a fingerprint to access the various computers/networks.

HSL Secure KVM switches use unidirectional optical data-diodes to prevent any potential leakage between the highly isolated peripheral channels. HSL Secure KVM switches can also be used to securely filter and lock USB ports preventing data export / import through mass-storage devices by hardware.

The products are fully compatible with EAL4+ and NIAP security requirements.



PRODUCT HIGHLIGHTS

- **DVI-I support**
Supports four computers each connected to a single display. Can drive VGA, HDMI and dual-link DVI video.
- **Unidirectional optical data diodes**
Assuring USB peripherals isolation. Data can flow from devices to host only. No reverse data flow possible by design.
- **Biometric/Smart-Card reader support**
Special secured port (DPP) for smart-card/biometric reader with patented Freeze function to support user authentication across multiple isolated networks.
- **Future-proof**
Supports widest range of video formats from VGA, single-link to 2560x1600 dual-link DVI and HDMI. Supports latest keyboards, mice and card readers and all Operating Systems.
- **Highest security by design**
Designed to support isolation between national security networks and Internet. EAL4+ certified.
- **Hardware Based peripheral protection/isolation**
Absolutely no dependency on firmware or software. All firmware is in ROM (Read Only Memory). No keyboard buffering or memory.
- **Display Plug & Play (DDC) protection**
Leakage prevention through patented emulated technology. Signaling attacks prevented by design.
- **Always-on Active Anti-tampering**
Enclosure tampering sensed by multiple sensors. Battery powered anti-tampering circuitry prevents normal KVM operation.



SPECIFICATION

PART NUMBER	K204	K204E
No. of Computers	4	4
Number Of Displays	1	1
CONSOLE PORTS (DEVICES)		
Resolution Supported	2560x1600x60HZ	2560x1600x60HZ
Console Display Port	DVI-I Female	DVI-I Female
Console Mouse and Keyboard Ports	USB Type A/PS2	USB Type A/PS2
Console DPP Port	No	USB Type A
Console Audio Jack	3.5 mm Jack	3.5 mm Jack
DCU Port	RJ45	RJ45
PC PORT JACKS		
Computer/Keyboard Mouse Port (per Computer)	USB Type B	USB Type B
Display Port	DVI-I Female	DVI-I Female
DPP Port (per Computer)	No	Yes
Computer Audio Jack (per Computer)	3.5 mm Jack	3.5 mm Jack
PHYSICAL		
Dimensions	320(W) x 130 (D) x 52 (H) mm / 12.8 (W) x 5.2 (D) x 2 (H) inch	320(W) x 130 (D) x 52 (H) mm / 12.8 (W) x 5.2 (D) x 2 (H) inch
Weight	1.47 Kg. (3.2 lbs.)	1.47 Kg. (3.2 lbs.)
POWER		
Power Requirements	DC input 12V / 1.5A maximum	
AC Input	Wall-mounted power supply included. Power input 90-240V AC	
Power Type	External Power Supply	
ENVIRONMENTAL		
Operating Temperature	0°C to 40°C (32°F to 104°F)	
Storage Temperature	-20°C to 60°C (-4°F to 140°F)	
Humidity	Operating - 20 to 80% non condensing; Storage – 10 to 90% non condensing	
CERTIFICATION		
Security Accreditation	EAL 4+, EMI/EMC: FCC Class B, CE Mark, EN55022B, VCCI, UL/cUL60950,EN60 950	
GENERAL INFORMATION		
Product life-cycle	10 Years	
Warranty	2 Years	

K204 Front Panel



K204E Front Panel



K204 Back Panel



K204E Back Panel

