



K504

HighSecLabs Secure 4-Port, DisplayPort KVM Switch



The **K504** is a secure 4-port DisplayPort KVM switch. It allows users to share peripherals – keyboard, mouse and monitor – between four different security-level networks/computers. The **K504** provides the highest possible isolation between two connected computers.

FEATURES

- **DisplayPort Support** - Supports four computers each connected to a single display, supports DisplayPort 1.2 resolutions up to 3840x2160 30bpp @60Hz, 17.28Gbps on a 4-lane link.
- **Future Proof** - Supports the latest keyboards, mice and all operating systems.
- **AUX Channel Protection** - Patented AUX channel firewall technology prevents leakage, signaling attacks prevented by design, fully functional EDID.
- **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.
- **Peripheral Security** - Full USB device filtering to assure support for keyboard and mouse only.
- **Active Anti Tampering System** - Always-on with 10-year battery, holographic tampering evident labels.

TECHNICAL SPECIFICATIONS

HOST INPUT PORTS:	4 DisplayPort connectors, 4 USB-B connector for keyboard and mouse, 4 3.5mm mini jack for unbalanced stereo audio.
CONSOLE PORTS:	1 DisplayPort connector, 2 USB-A connectors for keyboard and mouse, 2 DIN-5 connectors for PS/2 keyboard and mouse, 1 3.5mm mini jack for unbalanced stereo audio, 1 RJ-45 remote desktop controller port (RDC).
CHANNEL SWITCHING:	Front panel buttons, remote desktop controller (RDC) (optional).
SUPPORTED VIDEO MODES:	All DisplayPort 1.2 resolutions up to 3840x2160 30bpp @60Hz, 17.28Gbps on a 4-lane link.
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:	EN 55022, EN 55024, EN 61000-3-2, FCC Part 15.
SECURITY ACCREDITATIONS:	Common Criteria EAL 4+ ALC_FLR.3
INCLUDED ACCESSORIES:	Power supply.
PRODUCT DIMENSIONS:	32.00cm x 13.00cm x 5.20cm (12.60" x 5.12" x 2.05") W, D, H
PRODUCT WEIGHT:	1.5kg (3.2lbs) approx.
SHIPPING DIMENSIONS:	45.00cm x 20.00cm x 12.00cm (17.72" x 7.87" x 4.72") W, D, H
SHIPPING WEIGHT:	2.2kg (4.9lbs) approx.