



DK82DU-3

HighSecLabs Secure Dual Head 8-Port 4K30 UHD DVI-I KVM Switch with fUSB



DK82DU-3 is a secure dual head 8-port, 4K30 UHD DVI-I KVM switch. It enables users to share peripherals – keyboard, video, mouse, audio, and USB – between eight different security-level networks/computers while isolating all hosts and protecting against data leakage and malicious attacks through shared peripherals. It also enables assigning a USB port to a specific computer while switching other peripherals, such as when a USB smart card reader must remain mapped to a certain computer. DK82DU-3 provides the highest possible isolation between connected computers and is NIAP Common Criteria Protection Profile version 3.0 (PP3.0) certified.

FEATURES

- **Highest Security by Design** - NIAP Common Criteria Protection Profile version 3.0 (PP3.0) certification for peripheral Sharing Switch (PSS) devices.
- **4K30 UHD Resolution** - Supports resolutions up to 3840x2160 @30Hz.
- **Work Freely Without Compromising Security** - Display and control classified and non-classified computers without compromising security.
- **Prevent Information Leaks** - Block peripheral exploits, information leaks, eavesdropping, signal transmission, computer malware, hardware and firmware tampering.
- **Filter USB Peripherals** - Allow or block specific USB devices based on VID/PID characteristics.
- **Dual Display** - Provides flexible presentation options with duplicate or extend view modes.
- **Smooth Switching Between Computers (Virtual Display Technology)** - Automatically switch all peripheral control from one computer to another by dragging the cursor between each computer's display border.
- **Biometric/Smart-Card Reader Support** - Connect a smartcard/biometric reader to the secure port to support user authentication across multiple isolated computers.
- **Keyboard Lock Indication** - Caps Lock, Num Lock, and Scroll Lock indication on front panel.
- **Versatile and Flexible** - Configurable as a KVM switch (default) for sharing a display, keyboard and mouse between connected computers, or KM switch for sharing keyboard and mouse and simultaneously working on multiple computers connected to separate displays.

TECHNICAL SPECIFICATIONS

CONSOLE PORTS:	2 DVI-I (single-link/dual-link) connectors, 2 USB-A connectors for keyboard and mouse, 1 USB-A connector for USB devices, 2 DIN-5 connectors for PS/2 keyboard and mouse, 1 3.5mm mini jack for unbalanced stereo audio, 1 RJ45 connector for control (RDC).
COMPUTER PORTS:	16 DVI-I (single-link/dual-link) connectors, 8 USB-B connectors for keyboard and mouse, 8 USB-B connectors for USB devices, 8 3.5mm mini jacks for unbalanced stereo audio.
MAX RESOLUTION:	4K30 UHD: 3840X2160 @30Hz via DVI to HDMI cable;DVI dual-link: 2560X1600 @60Hz via DVI cable.
WARRANTY:	3 years
POWER REQUIREMENTS:	35W max.
AC INPUT:	100 to 240V AC.
POWER TYPE:	Internal.
OPERATING TEMPERATURE:	32° to 104°F (0° to 40°C).
STORAGE TEMPERATURE:	-4° to 140°F (-20° to 60°C).
HUMIDITY:	0-80% RH, non-condensing.
SUPPORTED OS:	Windows, Linux, Mac.
SECURITY CERTIFICATION:	NIAP Common Criteria PP3.0 for Peripheral Sharing Switch (PSS) devices.
PRODUCT CERTIFICATION:	CE, RCM, FCC class B, VCCI, TUV US, TUV Canada.
PRODUCT LIFE-CYCLE:	10 years.
PRODUCT DIMENSIONS:	44.00cm x 20.20cm x 6.20cm (17.32" x 7.95" x 2.44") W, D, H
PRODUCT WEIGHT:	2.9kg (6.4lbs) approx.
SHIPPING DIMENSIONS:	52.50cm x 27.50cm x 11.00cm (20.67" x 10.83" x 4.33") W, D, H
SHIPPING WEIGHT:	3.6kg (7.9lbs) approx.