DK42DU-3 is a secure dual head 4-port, 4K30 UHD DVI-I KVM switch. It enables users to share peripherals – keyboard, video, mouse, audio, and USB – between four 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.

DK42DU-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 3840×2160 @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:**
- 8 DVI-I (single-link/dual-link) connectors
- 4 USB-B connectors for keyboard and mouse
- 4 USB-B connectors for USB devices
- 4 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:**
- 34.20cm x 15.80cm x 5.70cm (13.46” x 6.22” x 2.24” ) W, D, H

**Product Weight:**
- 2.0kg (4.3lbs) approx

**Shipping Dimensions:**
- 42.00cm x 25.00cm x 8.50cm (16.54” x 9.84” x 3.35” ) W, D, H

**Shipping Weight:**
- 2.6kg (5.6lbs) approx