



# kramer

## DK42DU-3

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

| DVI | C-KVM



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



# kramer

## 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   |