



## **Secure 2-port, Dual-head DVI-I KVM switch with 4K Ultra-HD support**

### **KEY FEATURES**

- Supports Windows, Mac and Linux OS
- Dual-head DVI video interface
- Native DVI-I resolutions support up to 2560x1600 @ 60Hz
- 4K Ultra-HD resolution - supports up to 3840 x 2160 @ 30Hz via adaptor
- External power supply - Level VI efficiency
- Computer interface isolation while powered or unpowered
- Ensures all user data is completely isolated and no data is ever stored
- Optional remote control available via our RCS-100 or STC-100 models
- Secure channel switching with leak prevention, no hotkeys
- Front panel tactile buttons for secure channel switching and LED channel indicators
- Peripheral and authentication ports isolation for secure usage
- Tamper evident label and anti-tampering technology
- No wireless devices connected
- Ensures only trusted admin gains access

### **APPLICATIONS**

- Government Operations
- Defense Applications
- Secure Control Rooms
- Corporate Communications
- Server Operations
- Educational Administrations
- Medical Facilities
- Banking Network
- Insurance Data Centers
- Transit Management
- Industrial Operation
- Intelligence Communications

## KEYBOARD AND MOUSE EMULATION

The Secure KVM emulates (simulates) the presence of a keyboard and mouse for every attached computer through a USB cable. Both selected and non-selected computers maintain a constant connection with the unit's keyboard mouse emulation controllers, allowing for ultra-fast switching and restricting discovery of newly connected peripherals during switching operations. Emulation of keyboard and mouse also prevents direct connection between the peripherals and the connected computers, shielding systems from potential vulnerabilities.

## SECURE VIDEO/AUX EMULATION

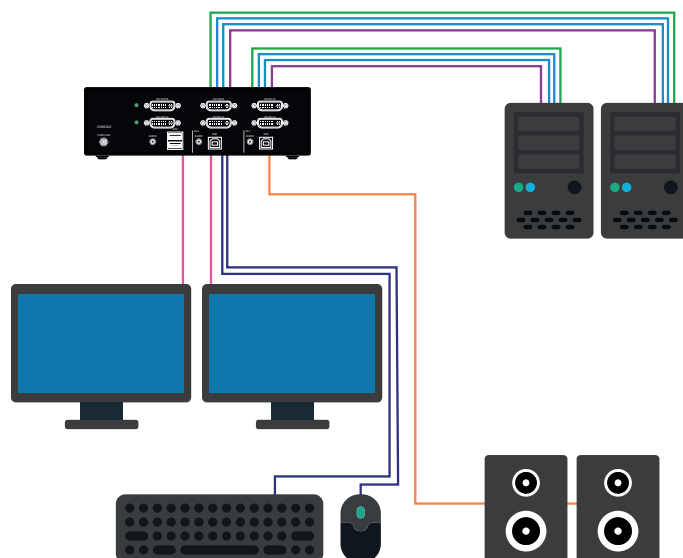
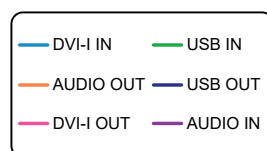
The KVM can simulate a generic EDID, allowing it to operate most of the connected DVI monitors in the market. Both selected and non-selected computers maintain a constant connection with the unit's video and EDID emulation controllers, allowing for ultra-fast switching and restricting discovery of newly connected monitors during switching operations. The unit prevents unwanted and unsecure data from getting transmitted between the computers and the display.

## SPECIFICATIONS

VIDEO		
Format		DVI-I Dual Link, DVI 1.0, DVI-D, XvGA
Input Interface		(4) DVI-I 29-pin
Output Interface		(2) DVI-I 29-pin
Resolution		Up to 4K (3840x2160 @ 30Hz)
DDC		5 volts p-p (TTL)
Input Equalization		Automatic
Input Cable Length		Up to 20 ft.
Output Cable Length		Up to 20 ft.
USB		
Input Interface		(2) USB Type B
Output Interface		(2) USB 1.1 Type A for KM Devices
Emulation		USB 1.1 and USB 2.0 Compatible
AUDIO		
Audio Input		(2) 3.5mm stereo audio
Audio Output		(1) 3.5mm stereo audio
CONTROL		
Front Panel		Front panel SELECT buttons
OTHER		
Power		External 100-240 VAC/ 12VDC2A @ 24W
Dimensions		8.8" W x 2.63" H x 6.69" D
Weight		3.85 lbs
Certifications		NIAP PP 4.0, UL, CE, ROHS Compliant, ICES-003
Operating Temp.		+32 to +104°F (0 to +40°C)
Storage Temp.		-4 to 140°F (-20 to +60°C)
Humidity		Up to 80% (no condensation)
ORDERING INFORMATION		
Part No.	UPC	Description
SA-DVN-2D	686911124303	2-Port DH Secure Pro DVI-I KVM w/audio, PP 4.0. Includes: [SA-DVN-2D; PS12V2A]

## INSTALLATION DIAGRAM

**iPGARD™**  
**SA-DVN-2D**



**CALL US TOLL FREE:**

**(888) 99-IPGARD | (702) 800-0005**

**INFO@IPGARD.COM | WWW.IPGARD.COM**