iPGARD™
Innovate | Protect | Gard

SA-HDN-2D-P

Secure 2-port, Dual-head DP/HDMI KVM switch with dedicated CAC port & 4K Ultra-HD support

KEY FEATURES

- Supports Windows, Mac and Linux OS
- Dual-head DP/HDMI video interface
- 4K Ultra-HD resolution - supports up to 3840 x 2160 @ 60Hz
- Advanced configurable CAC port
- 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
- No external interfaces can be used, only keyboard, mouse and CAC devices accepted
- 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

Common Criteria

DESIGNED AND MADE IN THE USA

NIAP®

CERTIFIED ISO 9001:2015 COMPANY

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

SA-HDN-2D-P

iPGARD™
Innovate | Protect | Gard

SA-HDN-2D-P

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.

CAC SUPPORT

Many secure KVM switches support CAC devices, such as smart-card and biometric readers, bolstering security when using the device. However, IPGard takes CAC security even further, allowing users to assign specific peripheral devices to the KVM's CAC port. Once a peripheral device has been registered by an authenticated admin, users can then switch the connection between that device and the PC's along with KVM switching.

SECURE VIDEO/AUX EMULATION

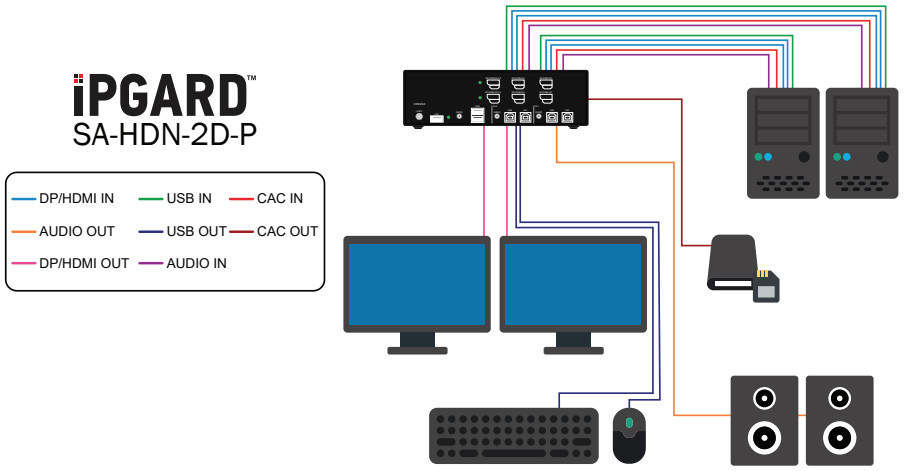
The KVM can simulate a generic EDID, allowing it to operate most of the connected DP monitors in the market. Both selected and non-selected computers maintain a constant connection with the unit's video and EDID emulation controllers, allowing for ultra-fast switching and restricting discovery of newly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

SPECIFICATIONS

VIDEO	
Format	DisplayPort1.2a, HDMI2.0
Input Interface	(4) DisplayPort (4) HDMI
Output Interface	(2) DisplayPort (2) HDMI
Max Resolution	Up to 4K (3840x2160 @ 60Hz)
Available Resolutions	720p (1280×720 @60Hz), FHD/1080p (1920×1080 @60Hz), QHD/1440p (2560×1440 @60Hz) or UHD/4K (3840x2160 @60hz)
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	(4) USB Type B
Output Interface	(2) USB 1.1 Type A for KM Devices
Emulation	USB 1.1 and USB 2.0 Compatible
CAC	Configurable USB 2.0 Port
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/ 12VDC3A @ 24W
Dimensions	8.8" W x 2.63" H x 6.69" D
Weight	4.2 lbs
Certifications	NIAP PP 4.0, UL, CE, ROHS Compliant, ICES-003, FCC Class A
Environment	ISO 14025 Compliant
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-HDN-2D-P	686911124075	2-Port DH Secure Pro DP/HDMI KVM w/audio and CAC, PP 4.0. Includes: [SA-HDN-2D-P; PS12V3A]

INSTALLATION DIAGRAM



CALL US TOLL FREE:
(888) 99-IPGARD | (702) 800-0005
INFO@IPGARD.COM | WWW.IPGARD.COM