TECHNICAL SPECIFICATIONS

FormatDVI-I Dual LinkHost Interface(1) DVI-I 29-pin (female)User Console Interface(1) DVI-I 29-pin (female)Max Resolution\$560 x 1600 @ 60H2; 3840x2160 @ 30H2DDC5 volts p-p (TL)Input EqualizationAutomaticInput Cable LengthUp to 20 ft.Output Cable LengthUp to 20 ft.USBUSB 1.1 and 1.0 Keyboard and Mouse only. USB 2.0 for CAC connection.USB Type B Inputs(1) Keyboard-Mouse; (1) CACUser Console Output Interface(2) USB Type-A for Keyboard and mouse connection only. (1) USB Type-A for CAC connection.Nutput(1) Connector Stereo 3.5mm FemaleOutput(1) Connector Stereo 3.5mm FemalePower Requirements12V DC, 2A power adapter with center-pin positive polarity.Power Requirements12V DC, 2A power adapter with center-pin positive polarity.Storage Temp-4° to 140° F (-20° to 60° C)Humidity0-80% RH, non-condensingCHERCommon Criteria Validated To NIAP, Protection Profile PSS ver 4.0CHERUSB 1.1 and USB 2.0 Compatible	VIDEO		
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Emulation USB 1.1 and USB 2.0	Security Accreditation	NIAP, Protection Profile PSS	
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	Emulation		

Front Panel Buttons

Control

WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
SA-DVN-1S-P	1	1-port, Secure DVI-I KVM Isolator
PS12VDC2A	1	12V DC, 2A power adapter with center-pin positive polarity.
	1	Quick Start Guide

NOTICE

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SA-DVN-1S-P

Secure KVM Isolator



Advanced 1-Port Secure Single-Head DVI-I KVM Isolator

Quick Start Guide

A full Manual can be downloaded from www.ipgard.com/documentation/

EDID LEARN

The KVM is designed to learn a connected monitor's EDID upon power up. In the event of connecting a new monitor to the KVM, a power recycle is required.

The KVM will indicate the unit's EDID learn process is active by flashing the front panel's LED. The LED will flash green for approximately 10 seconds upon beginning the EDID learn. Once the LED stop flashing, the power will cycle and the EDID learn will be complete.

A monitor must be connected to the video output port located in the console space at the back of the KVM during the EDID learn process.

If the read EDID from the connected monitor is identical to the current stored EDID in the KVM then the EDID learn function will be skipped.

A full Manual can be downloaded from www.ipgard.com/documentation/



HARDWARE INSTALLATION

- 1. Ensure that power is turned off or disconnected from the unit and the computer.
- 2. Use a DVI cable to connect the DVI output port from the computer to the corresponding DVI-I IN port of the unit.
- 3. Use a USB cable (Type-A to Type-B) to connect a USB port on the computer to the respective USB ports of the unit.
- 4. Optionally, for CAC models, connect a CAC (Common Access Card, Smart Card Reader) to the CAC port in the user console interface.
- 5. Optionally, connect a stereo audio cable (3.5 mm to 3.5 mm) to connect the audio output of the computer(s) to the audio in ports of the unit.
- 6. Connect a monitor to the DVI-I OUT console port of the unit using a DVI cable.
- 7. Connect a USB keyboard and mouse in the two USB console ports.
- 8. Optionally, connect stereo speakers to the audio out port of the unit
- 9. Finally, power on the KVM by connecting a 12VDC power supply to the power connector, and then turn on the computer.

Note: You can connect 1 computer to the 1 port KVM.

