Quick Installation Guide

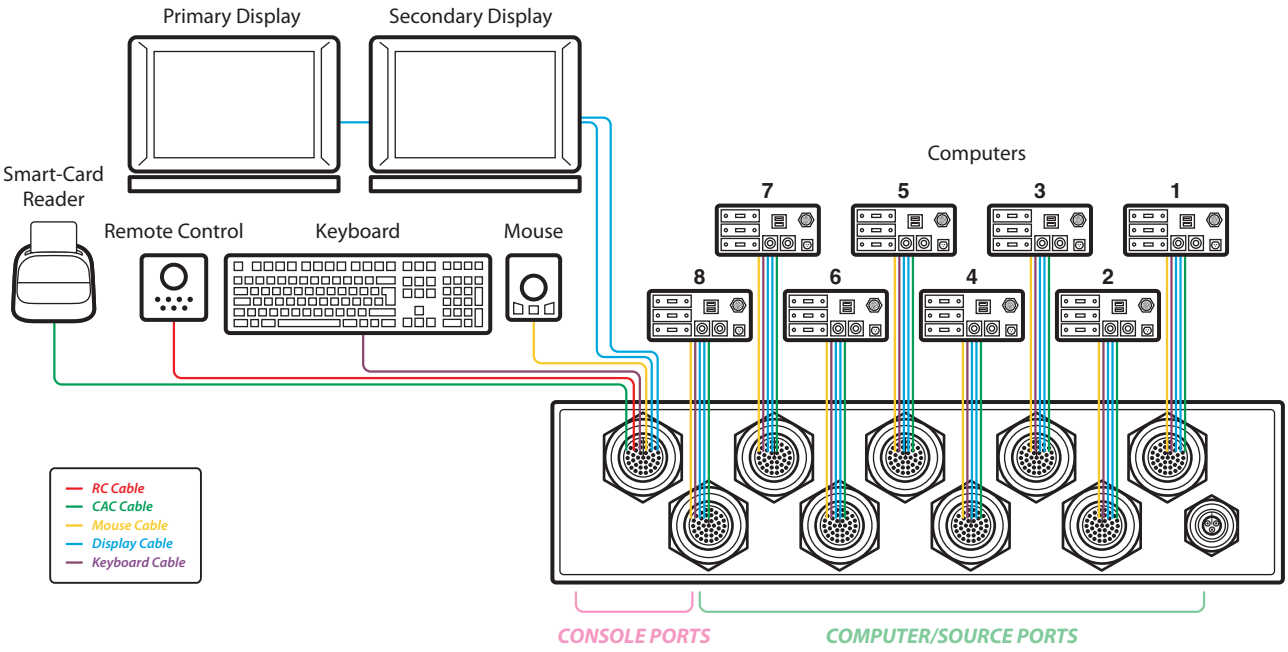
8 Ports Secure Rugged DH KVM Switch

Introduction

Thank you for purchasing this HSL Secure KVM Switch. This 8-Ports DP/HDMI Rugged Secure KVM switch is designed to provide military users with superior security in the most difficult environmental conditions. The DK82PHU-4TR is designed to be installed on a military vehicle, in the harshest operational conditions.

Objectives

- For easier mounting and better situational awareness the **DK82PHU-4TR** is equipped with an optional remote control that can be mounted on the vehicle dashboard
- For further assistance please refer to HSL website: http://www.highseclabs.com



Installation Precautions:

Do not connect this product to computing devices that:

- Are TEMPEST computers
- Include telecommunication equipment
- Include frame grabber video cards
- Include special audio processing cards.

WARNING: Peripherals' Warning - For security reasons, this product does not support wireless keyboards.

Installation:

- Verify that all peripherals and computers are turned OFF prior to connecting them to the product.
- Connect the computers and peripherals to the HSL Secure KVM Switch as shown in the above diagram using the appropriate cables.
- Power ON the monitors and the PCs: Make sure that the monitors are turned ON prior to powering ON the Secure KVM Switch.
- Power ON the system: Power ON the HSL KVM Switch by plugging it to the 28V DC connector. By default, after product power-up, the active channel will be computer #1.

Cables

- The PC cables have a single round connector on the KVM side and on the PC side a video DP or HDMI and two USB 2.0 (KB/Mouse) connectors.
- The Console cable has a same round connector on the KVM side and video DP or HDMI and 3 USB KB/Mouse connectors on the Console side. This cable may also have a port for fastening the Remote control unit (WR80-4TR) on the console side.

Channels Switching

Control of the HSL KVM Switch is done, primarily, using push buttons on the product front panel.

The Active Channel is set by pressing the appropriate channel button on the front panel of the Secure Switch. The button of the active channel is illuminated.

Remote Control

The channel switching can also be done via the Remote Control Unit that connects to the Console port with a special cable. The active channel is set by pressing the remote control single button sequentially until the needed channel LED below the button lights ON.

EDID Acquisition

When using the HSL Secure KVM Switch, EDID is acquired from the connected display and duplicated on all channels. EDID is only read in the first few seconds of device boot.

Ports and LEDs Index:

a. Protective Grounding Terminal
b. Channel LEDs
c. Channel Buttons
d. Keyboard/Mouse LEDs
e. EDID Capture LED
f. CAC LED
g. Console (and RCU) Cable Port
h. PC Cables Ports
i. Power Input

Front LED Indications:

The HSL 8P DH KVM has several indications on its front and rear panels:

EDID LED:

- Off – no EDID
- On – EDID received

Note: EDID is only read in the first few seconds of device boot. The secure switch does not support hot plug or swap of display while working. In every swap of display it is recommended to restart the Switch.

HID (Keyboard, Mouse) LEDs:

- Off – no device detected
- RED – device rejected
- GREEN – device approved

CAC LED's:

- OFF – Unactive
- ON – Active

Important Notes:

1. Anti-Tampering System: If either of the tamper evident labels on the product's enclosure is damaged, do not install the product and immediately contact technical support.
2. Power ON Self-Test Procedure: As the product powers-up, it performs a self-test procedure. In case of self- test failure for any reason, including jammed buttons, the product is inoperable and self-test failure is indicated by abnormal LED behavior.

In the above-mentioned cases, please call Technical Support and avoid using the product.For further information please refer to the product administrator and setup guides.

Safety and Regulatory Statements

Safety Symbols

This One or more of the following symbols may be included in your product documentation and/or on the product.

Instructions: This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the product user manual.

Dangerous Voltage: This symbol is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Power On: This symbol indicates the principal on/off switch is in the ON position.

Power Off: This symbol indicates the principal on/off switch is in the OFF position.

Protective Grounding Terminal: This symbol indicates a terminal which must be connected to earth ground prior to making any other connections to the equipment.

Safety Precautions

WARNING: To avoid a potentially fatal shock hazard and possible damage to equipment, please observe the following precautions.

- Instructions: Do not disable the power grounding plug. The grounding plug is an important safety feature.
- Plug the power cord into a grounded (earthed) outlet that is easily accessible at all times.
- Disconnect the power from the product by unplugging the power cord from either the electrical outlet or the product.
- This product has no serviceable parts inside the product enclosure. Do not open or remove product cover.

NIAP Protection Profile

This product is certified to the NIAP Protection Profile PSD version 4.0 certification for peripheral sharing switch devices.

Security Vulnerability

If you are aware of a potential security vulnerability while installing this product, contact Technical Support immediately by:

- Web form: www.highseclabs.com/support/case/
- Email: security@highseclabs.com
- Tel: +972-4-9591191/2

WARNING: Unit Enclosure Warning - If the unit's enclosure appears disrupted or if all LEDs flash continuously, remove the product from service immediately and contact Technical Support.