HighSecLabs
Highest Security Solutions

DP/HDMI
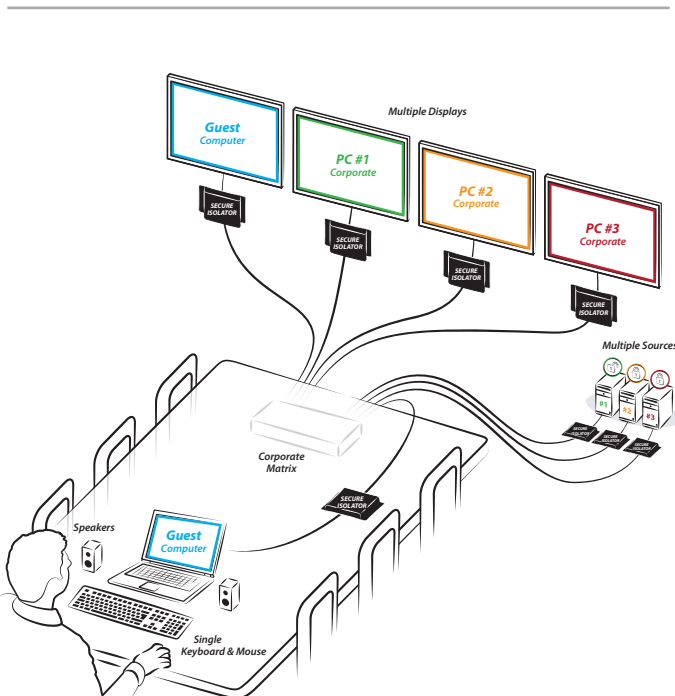**DUAL CONNECTOR**

SECURE KVM ISOLATORS

HSL's relies on its innovative Secure KVM products family to develop a unique security isolator product family. This product isolates and assures unidirectional data flow for Video and USB Keyboard and Mouse.

The secure isolator prevents vulnerable peripherals from attacking secure computers by ensuring that video and audio flow in a single direction. By preventing host-to-peripheral direct access the secure isolator eliminates data leakage and filtering irrelevant data from reaching sensitive computers. The Isolator is designed to provide the highest possible computer & peripheral isolation as demanded by government agencies, military, financial institutions and similar security sensitive customers.
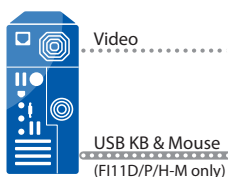

Secure Isolator System Diagram

PRODUCT HIGHLIGHTS

- **The ultimate solution for securing and projecting different classification level sources on the same display**

- **Supports isolation of large KVM Matrix and conference room equipment**

- **Displays plug & play (EDID) protection using a one-time EDID capture push button**

- **Hardware based HID peripherals protection/ isolation on models with KM support**: FI11D-M, FI11PH-M, FI11H-M

- **Variety of supported video Input/output interfaces**: DVI, HDMI, and the new DP/HDMI combined connector

- **New type of connector DP/HDMI combined connector on models FV11PH-M, FI11PH-M**: Allows connecting both type of cables – Display Port and HDMI

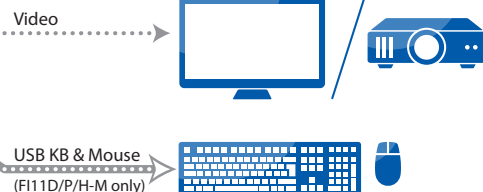- **Certified for NIAP PP4.0 for PSD**

Computer or Matrix

Video

USB KB & Mouse
(FI11D/P/H-M only)

HSL KVMA Security Isolator

Display or Projector

Video

USB KB & Mouse
(FI11D/P/H-M only)

NIAP PP PSD 4.0 CERTIFIED COMMON CRITERIA

SPECIFICATION

PART NUMBER	FV11D-M	FV11PH-M	FV11H-M	FI11D-M	FI11PH-M	FI11H-M
CONSOLE PORTS						
Displays	1 x DVI-I	1 x DP/HDMI	1 x HDMI	1 x DVI-I	1 x DP/HDMI	1 x HDMI
Max Resolution (Input & Output)	3840X2160 @ 30 Hz (via DVI to HDMI cable) DVI dual-link - 2560X1600 @ 60 Hz (via DVI cable)	3840x2160 @ 30 Hz	3840x2160 @ 30 Hz	3840X2160 @ 30 Hz (via DVI to HDMI cable) DVI dual-link - 2560X1600 @ 60 Hz (via DVI cable)	3840x2160 @ 30 Hz	3840x2160 @ 30 Hz
Mouse and Keyboard	N/A	N/A	N/A	USB Type A	USB Type A	USB Type A
COMPUTER PORTS						
Display Type	1 x DVI-I	1 x DP/HDMI	1 x HDMI 1.4	1 x DVI-I	1 x DP/HDMI	1 x HDMI 1.4
Mouse and Keyboard	N/A	N/A	N/A	USB Type B	USB Type B	USB Type B
CERTIFICATION						
Security Certification	Compliant with NIAP Common Criteria PP4.0 for peripheral sharing devices (PSD)			Certified for NIAP Common Criteria PP4.0 for peripheral sharing devices (PSD)		
Product Certification	CE, RCM, FCC class B, VCCI, TUV US, TUV Canada			CE, RCM, FCC class B, VCCI, TUV US, TUV Canada		
PHYSICAL						
Dimensions	145 x 105 x 28 mm / 5.8 x 4.2 x 1.1 inches					
Weight	0.3 kg (0.64 lbs)					
POWER						
Power Requirements	DC input 12V/1.5A Maximum					
AC Input	Wall-mounted power supply included. Power input 90 to 240V AC					
Power Type	External Power Supply					
ENVIRONMENTAL						
Operating Temperature	32° to 104° F (0° to 40° C)					
Storage Temperature	-4° to 140° F (-20° to 60° C)					
Humidity	20 to 80% non condensing; Storage – 10 to 90% non condensing					
SOFTWARE						
Supported OS	Windows, Linux, Mac					
GENERAL INFO						
Product life-cycle	10 years					
Warranty	2 Years					

FV11D-M   *FV11PH-M*   *FV11H-M*   *FI11D-M*   *FI11PH-M*   *FI11H-M*

NIAP PP PSD 4.0 CERTIFIED COMMON CRITERIA