



HKS100I

HighSecLabs Secure DVI-I, Keyboard & Audio Isolator



The **HKS100I** secure isolator offers the highest possible separation between a source computer and its DVI-I video, keyboard, and analog audio to prevent any potential data leakage between the source and the peripheral equipment.

FEATURES

- **Highest Security by Design** - Designed by an agency to support isolation of large KVM matrix and conference room equipment.
- **All Firmware in ROM.**
- **Analog Audio Data Diode** - Prevents abuse of the audio out channel sending data back to the computer.
- **Display Plug & Play (EDID) Protection** - Leakage prevention through patented emulated technology, signaling attacks prevented by design, fully functional DDC/EDID.
- **Tamper Evident Label** - Provides clear visual indication of product tampering or opening.
- **Wide Range of Video Standard Support** - DVI-I dual-link interface can be used for VGA, DVI-D and HDMI.
- **Mouse & Keyboard Isolation.**
- **Active Anti Tampering** - Always-on active anti-tampering with 10-year battery.

TECHNICAL SPECIFICATIONS

INPUTS:	1 DVI-I (F) connector, 1 3.5mm mini jack for unbalanced stereo audio, 1 USB-B connector for keyboard and mouse.
OUTPUTS:	1 DVI-I (F) connector, 1 3.5mm mini jack for unbalanced stereo audio, 2 USB-A connectors for keyboard and mouse.
VIDEO STANDARDS SUPPORTED:	Single- and dual-link DVI resolutions up to 2560 x 1600, VGA resolutions up to 2048x1536 (cable/adaptor required), HDMI 1.0 resolutions up to 1920 x 1200 (cable/converter required), unidirectional audio out over HDMI.
POWER CONSUMPTION:	12V DC, 1A max.
SECURITY ACCREDITATIONS:	Common Criteria EAL 4+ pending.
REGULATORY:	Safety: UL/cUL60950, EN60 950; EMI/EMC: FCC Class B, CE Mark, EN55022B, VCCI.
INCLUDED ACCESSORIES:	Power supply.
PRODUCT DIMENSIONS:	14.50cm x 10.50cm x 2.80cm (5.71" x 4.13" x 1.10") W, D, H
PRODUCT WEIGHT:	0.3kg (0.6lbs) approx.
SHIPPING DIMENSIONS:	23.50cm x 14.50cm x 5.50cm (9.25" x 5.71" x 2.17") W, D, H
SHIPPING WEIGHT:	0.7kg (1.5lbs) approx.