



TEMPEST Level I, Level II and Zone Hisolator® KVM Switch

Product Data

Model - DHT-104 (Level I), DHL-104 (Level II) and DHZ-104 (Zone A)

Description

API's Hisolator KVM switch is a uniquely designed Peripheral Sharing Switch that can be used to securely connect a single Keyboard/Video/Mouse to one of three connected Peripheral Port Groups running at different security levels. This eliminates the need for users to have to deal with multiple keyboards, video displays and mice within their high security work environments. An optional stand (shown below) is available, under which the cables can be tucked, providing a clear uncluttered workspace.

The Hisolator KVM is specifically designed to allow users to easily switch shared peripherals between multiple Peripheral Port Groups without compromising security.

The Hisolator KVM is available in two- and three-port configurations and can be ordered in TEMPEST and Zone/Commercial versions. The TEMPEST version utilizes unique interface connectors for the keyboard, video and mouse preventing the use of non approved peripheral devices. The switch is designed for both desktop and rack mount use and relies on the connecting host system power, eliminating the need for a separate power connection. The Hisolator KVM is designed for use on systems running Windows NT, Windows 2K and Windows XP operating systems. It supports VGA or higher resolution graphics and uses a PS/2 keyboard and mouse.

Features

- Certified to NSTISSAM TEMPEST/1-92 Level I, Level II, Zone and NATO SDIP-27 A & B standard (formerly AMSS 720B & AMSS 788A)
- Manual selection of Peripheral Port with positive port selection feedback via LEDs indicators
- No scan or hot key features
- No physical data path connection between Peripheral Ports
- High Peripheral Port group electrical isolation
- No firmware or I/O processors within the switch
- No KVM storage buffers to clear
- Industry leading three-year warranty



Hisolator® KVM



Hisolator® KVM 4 Port Switch



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Specifications

Model - DHT-104 (Level I), DHL-104 (Level II) and DHZ-104 (Zone A)

Mechanical

Height1.75 in. (4.45 cm)
Width13.75 in. (34.9 cm)
Depth8.50 in. (21.6 cm)
Weight6.0 lbs. (2.7 kg)
(When used on a desktop, the unit is designed to support up to 75 lbs of weight, allowing users to place their displays on the switch)

Power Consumption

35ma @ 5VDC, uses power from connected hosts
Powered via host device

Operating Environment

Temperature

Operating50° to 90°F (10° to 35°C)
Non-Operating-4° to 140°F (-20° to 60°C)

Humidity

Operating10° to 80° non-condensing
Non-Operating5° to 90° non-condensing

Hardware Capability

Attached Hardware Systems IBM PC and compatibles using PS/2 keyboard and mouse

Video Modes & Resolutions

VGA and SVGA up to a resolution of 1600 x 1200 dpi

Attached Peripherals

PS/2 keyboard and mouse, CRT or LCD displays

Options include:

13' interface cable available in TEMPEST, Zone and commercial models, utilizing PS2 interface for keyboard and mouse

- Rack mount kit for 19" rack mounting
- TEMPEST and Zone keyboards, video displays and mouse

Warranty

3-year on parts and labor

Advanced Programs, Inc. is an NSA-endorsed test services facility and an NSA-endorsed TEMPEST manufacturing facility.

Technical Specifications are subject to change without notice. U.S.A. export controls apply to these products.
E & OE - 2/9/08



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