

OriginKVM 3125

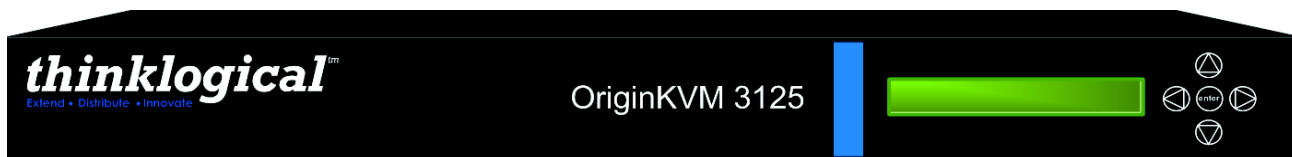
KVM Switch

KVM Switch

1 User controls up to 3 CPUs

Supports two video channels, single-link and dual-link DVI

Supports RS-232, USB HID, USB 2.0 and line level audio



The Logical Solution - KVM Switching

The Thinklogical OriginKVM 3125 is a high performance KVM switch that enables one user station to access and switch between three multi-platform computers or servers. The OriginKVM improves operational productivity, from the simplest to the most complex requirements and for a variety of applications; such as hardware/software development and testing labs, network server management, and multi-workstation operation.

Thinklogical's OriginKVM 3125 lets you use a dual monitor with a single keyboard and mouse to access several computers, allowing you to significantly reduce your equipment overhead and clutter while gaining space. In addition, this single user switch provides USB connectivity for the user and targeted devices. The OriginKVM 3125 supports USB 1.0 HID and USB 2.0 up to 480 Mbps. In addition, it allows the user to independently switch the second video channel, audio, serial, and USB 2.0.

The System

The OriginKVM 3125 model supports full emulation of keyboard and mouse; computers can be booted at any time. There is also full support for all operating systems such as Windows 2000/XP/Vista/7, Linux, and those on Unix workstations, such as IBM AIX, HP/UX, and Oracle Solaris.

The OriginKVM 3125 supports switching from the keyboard with easy to use commands (hotkeys), or by using the out-of-band control menu. Video 1 and USB HID are always switched simultaneously, while Video 2, Audio, RS-232, and USB 2.0 can be switched individually. This convenience allows the transfer of large amounts of data between a computer and storage device to take place while maintaining the user interface of a different computer. In addition, the OriginKVM 3125 supports the following commands: switch to next computer, scan mode on and off, set scan time interval, and identify firmware version.

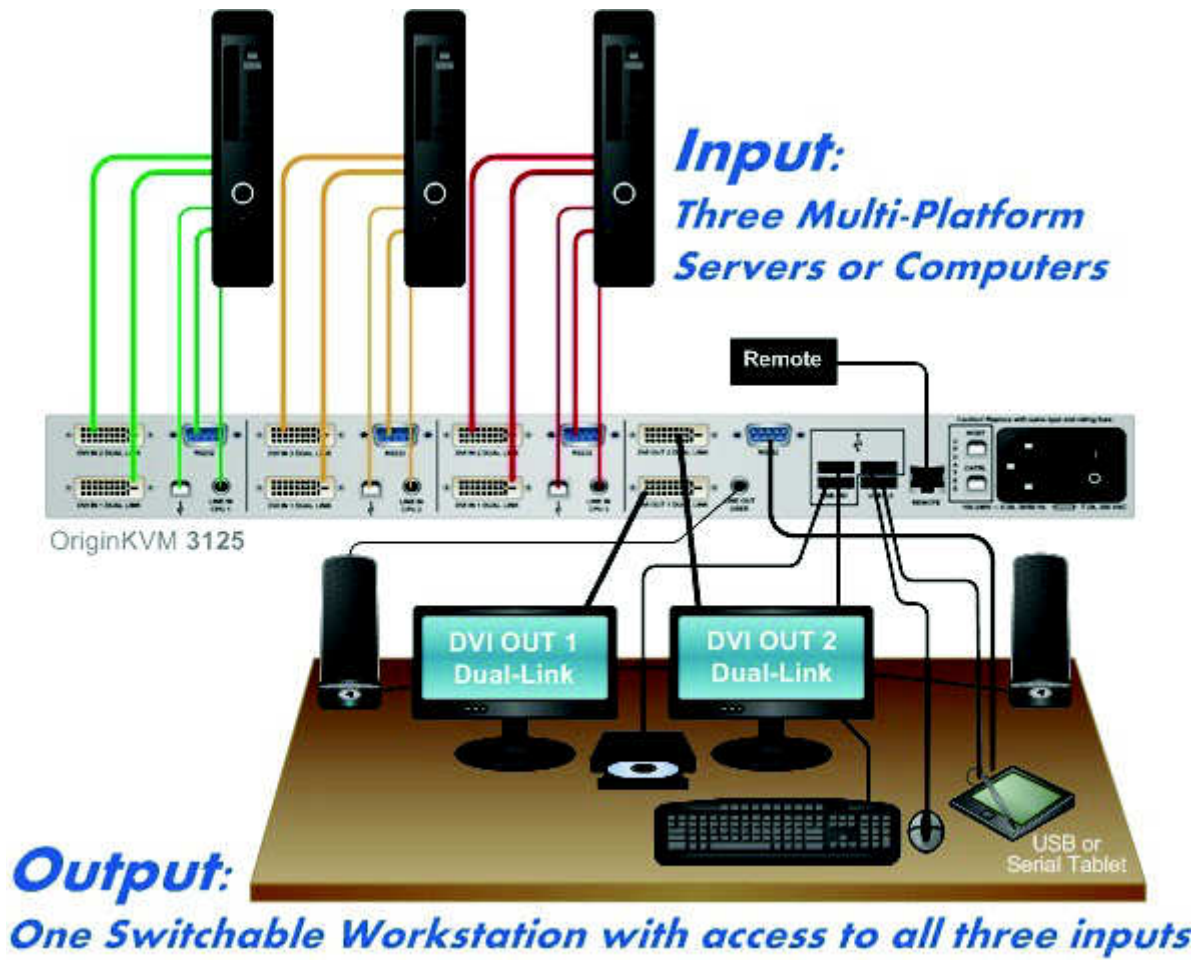
The USB HID ports emulate a keyboard and mouse so that the connected computers do not need to re-acquire their capabilities each time a switch is made and they are immediately available upon switching. Many USB touch-screens and tablets are also supported on the USB HID port.

Thinklogical OriginKVM 3125 Front Panel:

- * Switch to any computer from front panel
- * Front panel LCD displays which computer is selected
- * Firmware revisions, EDID options, out-of-band control configuration

Key Features

- Supports 2 video channels, either single-link or dual-link DVI;
- Supports USB HID devices such as keyboards, mice, tablets, and touchscreens;
- Dedicated USB 2.0 port for drives
- Internal universal power supply
- Switching via front panel buttons, hotkeys, external remote, or OBC (out-of-band control) menu
- Supports any mix of computers- UNIX, Linux, Windows 2000/XP/Vista/7, or Open VMS
- Second video channel, audio, serial, and USB 2.0 can be switched independently from video channel one and USB HID
- Uses standard copper cabling



Application Description: Three functional source/target computers connected to one OriginKVM 3125. Signals are switched via one desktop workstation equipped with dual-link monitors, keyboard, mouse, DVD drive, speakers, and tablet.

OriginKVM 3125 - Back View



Specifications

Video Resolution: All single link and dual-link DVI resolutions

Storage Temperature: -20 to 70°C (-4 to 158°F), 10 to 90% RH, non-condensing

Power Supply Voltage: 100 to 240 VAC, 50/60 Hz

Power Consumption: 10 Watts, typical

Heat Dissipation: 34 BTUs per hour

Panel Connectors from CPU:

Video - dual-link DVI (6)

USB - USB B (3)

Audio In - 3.5 mm (3)

Serial (RS-232) - DB9F (3)

Panel Connectors from User Station:

Video - dual-link DVI (2)

USB HID - USB A (3)

USB 2.0 - USB A (1)

Audio Output - 3.5 mm (1)

Serial (RS-232) - DB9M (1)

Operating Temperature and Humidity: 0 to 50 °C (32 to 122 °F); 5 to 95% RH, non-condensing

Enclosure Dimensions: Approx. 17.640" x 14.170" x 1.720" high
(448.06mm x 359.92mm x 43.69mm high)
(Tolerance: ± .039"; .100cm)

Weight: 4 lbs (1.81 kg)

Shipping Weight: 16 lbs (7.26 kg)

Copper Cables: (supplied with unit)

(3) 3.5mm Male to 3.5mm Male Plug, 6FT

Thinklogical Part Number: CBL000016-006FR

(4) USB Type A to USB Type B Cable, 6 Feet

Thinklogical Part Number: CBL000015-006FR

(3) DB9M to DB9F Serial Cables

(6) DVI Dual-Link Male Cable, 2 Meters

Thinklogical Part Number: CBL000023-002MR

Compliance: Approvals for US, Canada, and European Union

Warranty: 12 months from date of shipment

Extended warranties available

OriginKVM 3125 Ordering Information

Part Number Description

KVM-003125: OriginKVM 3125 Switch, DVI USB 3 IN x 1 OUT

thinklogical[™]

100 Washington Street
Milford, CT 06460 USA

Contact a Thinklogical Sales Representative at
sales@thinklogical.com or (203) 647-8700

OriginKVM 41

1 User, 4 CPU Switch



The Logical Solution

The Thinklogical™ OriginKVM 41 is a high performance KVM switch that enables one user station to access and switch between four multi-platform computers or servers. The OriginKVM 41 improves operational productivity, from the simplest to the most complex requirements and for a variety of applications; such as hardware/software development and testing labs, network server management, and multi-workstation operation.

The Features

- Switches DVI/HDMI, USB and Audio line level
- KVM switch with infrared and select switches on the front panel
- 4 ports on the USB hub console side
- **Optional:** Plug a Remote IR into the Serial interface
- LEDs that indicate USB power, power from DVI/HDMI and selected port CPU LED
- Internal universal power supply (universal country specific power cables available upon request)
- BIOS level access
- Uses standard IEC power cable
- Support any mix of computers – UNIX, Linux, Windows NT, Windows 2000, Novel 4.x, or Open VMS

The System

The OriginKVM 41 is a 1 user 4 CPU switch. This single user switch provides USB connectivity for users and targeted devices.

The OriginKVM 41 supports USB 2.0 up to 480 mbps. This feature dedicates an individual device emulator to each connected computer, allowing the computer to have a continuous connection to the keyboard and mouse, even when the CPU is not selected. This ensures flawless boot up of computers running a variety of operating systems. The OriginKVM 41 also allows the user to switch the 3.5mm line in and line out audio along with USB 2.0 and DVI/HDMI. In addition, video intensive applications now benefit with OriginKVM 41's DVI and HDMI support.

Copper Connectors

From CPU:

- Video Ports HDMI (4)
- USB Keyboard/Mouse USB B (4)
- Audio Input 3.5mm (4)

User Station:

- Video for User Displays HDMI (1)
- HID Keyboard/Mouse USB A (4)
- Audio Output 3.5mm (1)

Power On/Off Switch

Supply Voltage 100 to 240 VAC, 50/60 Hz

Specifications

Operating Temp. 0°-50°C (32°-122°F)
Humidity 5-95% RH, non-condensing
Dimensions Height: 1.640" (4.166cm)
Depth: 7.654" (19.441cm)
Width: 15.795" (40.119cm)
Weight: 4 lbs. (1.81 kg)
Shipping Weight: 16 lbs (7.26 kg)
Power Consumption 15 watts
Warranty 12 months from date of shipment.
Extended warranties available

Ordering Information

Please contact a Thinklogical sales representative.

Thinklogical™ Direct Sales:

100 Washington Street, Milford, CT 06460
Phone: 1-800-291-3211 Fax: 1-203-783-9949
(M-F 8:30am-5:30pm, EST)
Email: sales@thinklogical.com

Back Panel for the OriginKVM 41



OriginKVM 8250

2 User, 8 CPU Switch



The Logical Solution

The Thinklogical™ OriginKVM 8250 is a high performance KVM switch that enables true, simultaneous multi-user access from two user stations, allowing them to access and switch between eight multi-platform servers. The OriginKVM 8250 improves operational productivity, from the simplest to the most complex requirements and for a variety of applications; such as hardware/software development and testing labs, network server management, and multi-workstation operation.

The Features

- Multi-user, simultaneous (2) user stations with access to 8 PCs
- CPU Ports 1 and 2 have option of USB Keyboard and Mouse or PS/2 Keyboard and Mouse
- Switches line level audio and DVI/HDMI video
- Easily configure, select and manage your system and servers via Thinklogical's™ unique communication actuation technology and BIOS level access
- DDC pass through for HDMI support
- USB pass through for support of USB 2.0 devices of any kind
- User collaboration in order for 2 users to work on the same CPU at the same time (HDMI and USB pass through for one user only while collaborating)
- Scalable for multiple applications such as dual display, triple display, or quad display

The Features

- "Keep-alive" technology for continuous server availability
- Multi-platform support with PS/2 and USB connections
- Support any mix of computers – UNIX, Linux, Windows 2000 and newer, MAC OS X Novel 4.x, or Open VMS
- Field upgradeable
- Configurable via front panel or out-of-band control
- External CPU or remote control
- 19" rack mount chassis (1U)
- Plug-and-play auto configured installation

The System

The OriginKVM 8250 is a 2 user 8 CPU switch. Two of the CPU connections provide either PS2 or USB interface to the PC while the 6 remaining ports are used for USB connections.

The OriginKVM 8250 is built with Thinklogical's™ unique communication actuation technology, which allows for out-of-band control. This feature gives users the ability to select ports, configure servers in the rack, assign names to servers and easily select and monitor them via on-screen menus. In addition, the OriginKVM supports USB 1.0 HID device emulation and PS2/USB conversion. This feature dedicates an individual device emulator to each connected computer, allowing the computer to have a continuous connection to the keyboard and mouse, even when the CPU is not selected. This ensures flawless boot up of computers running a variety of operating systems.

The System

The Origin 8250 is capable of DDC pass through for HDMI support, as well as pass through support of all USB 2.0 devices. In addition, the OriginKVM allows for user collaboration, which gives 2 users the ability to work on the same CPU at the same time. Video intensive applications now benefit with OriginKVM 8250's unsurpassed DVI support.

Copper Connectors

FROM CPU:	
Video Ports	HDMI (8)
PS2 Keyboard	MiniDIN 6 Female (2)
PS2 Mouse	MiniDIN 6 Female (2)
USB Keyboard/Mouse	USB B (8)
Audio Input	3.5 mm (8)
Audio Output	3.5 mm (2)
USB HID Ports	USB A (3) per user
USB 2.0 Port	USB A (1) per user
USER STATIONS:	
Video for User Displays	HDMI (1) per user
Software Updates	USB B (3)
Power	On/Off Switch

Cables Included with Each Unit

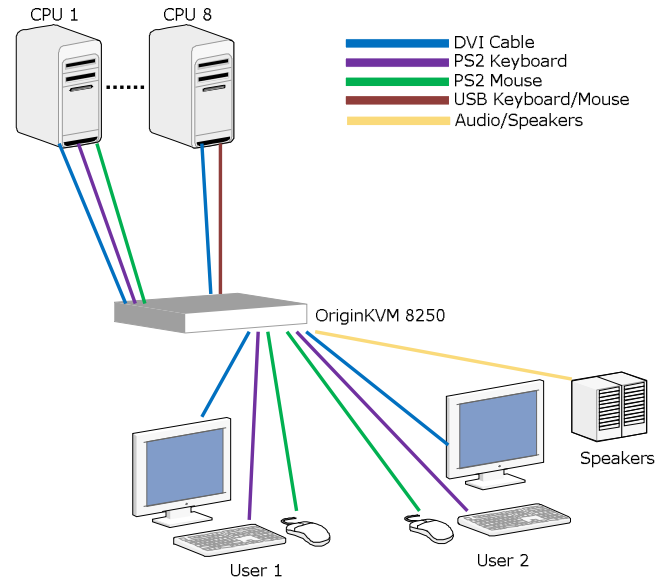
KIT-00014-R Cable Kit which contains:

- PS/2 Male to PS/2 Male, 6 feet (4)
- USB Type A to USB Type B Cable, 6 feet (8)
- HDMI Male to DVI Male Cable, 2 meters (10)
- CBL - 000016-006FR, 3.5 M-M, 6 ft. (8)

Specifications

Video Resolution	DVI 1920 x 1200
Supply Voltage	100 to 240 VAC, 50/60 Hz
Operating Temp.	0°-50°C (32°-122°F)
Humidity	5-95% RH, non-condensing
Dimensions	Height: 1.72" (4.4cm)
And Weights	Depth: 14.12" (36.2cm)
	Width: 17.49" (44.5cm)
	(Tolerance: ± .039"; .100cm)
	Shipping Weight: 27lbs
	(12.25kg)
Power Consumption	26 watts
Warranty	12 months from date of shipment.
Extended warranties	available

Typical Application for OriginKVM 8250



The OriginKVM 8250 is a two user, eight CPU switch. Two of the CPU connections provide either PS2 or USB interface to the PC while the six remaining ports are used for USB connections.

Ordering Information

Part Number	Description
KVM-000083	OriginKVM 8250 Switch, DVI USB 8 IN x 2 OUT

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