Vista LC DVI

► Supports up to 1920x1200 video resolution

► DVI, USB and Audio in a 1U chassis

► USB keyboard and mouse support

► CPU combo cables support DVI video, Keyboard, Mouse and Audio

► Stereo analog audio at the console port

► Hot pluggable switch, no software

► Supports widescreen and SUN 1152×900 resolutions

Features and Benefits

- An easy to use, fully featured 12-port digital KVM switch in a 1U chassis

- Supported video resolutions are 1600×1200 (4:3) and 1920×1200 (16:10)

- The local console port supports DVI-D video, USB-HID keyboard and mouse, and stereo analog speakers

- Each CPU port has a DVI-D connector and a USB B-Type connector that supports keyboard, mouse, and audio signals

- The product kit includes six CPU combo cables (6ft, 2.0m length). Additional CPU combo cables are available in 6ft (2.0m) and 15ft (4.5m) lengths

- Supports VESA DDC2B emulation & TMDS signal pass-through

- Switching control is operated by keyboard hotkeys or front panel push-buttons

- Front panel LED's indicate connected CPU ports and the current active channel

- This switch can also be integrated into several models of Rose RackView KVM Drawer products, providing a clean and compact solution for KVM server management in a rack cabinet

Product Overview

The Vista LC DVI is a compact, high performance KVM switch, connecting 12 computers with a single user console, consisting of USB keyboard and mouse, DVI video and stereo audio. The Vista LC DVI supports resolutions up to 1920x1200, and allows users to switch between computers using keyboard hot keys or front panel push buttons.

Computers can be located up to 10ft (3.0m) from the switch. The six cables included with the package are 6ft (1.8m) in length. The user console can be directly connected to the switch with a DVI monitor cable and USB keyboard and mouse cables, or extended several feet from the switch using a DVI and USB extender. Predefined hot keys can be used to switch computers, to scan through all connected computers and to enable or disable the port switching beeper sound. Stereo analog audio output for speakers is provided, with the audio signal being passed in the same cables as the DVI and USB signals.

Front panel LED's indicate which ports have powered computers, as well as which computer is currently connected. The Vista LC DVI supports a mix of different computer types: PC, SUN, Mac.

Accessories provided with the switch include six computer cables, a rackmount kit and an external power supply adapter.
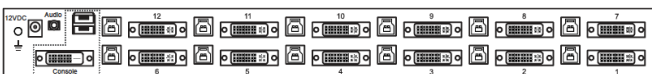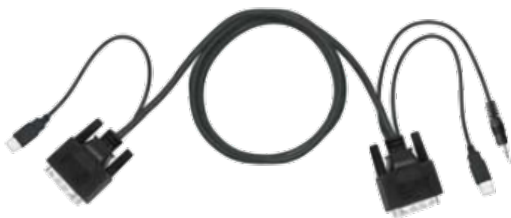
Typical Application

[Replace Diagram]

Installation   Make certain that all computers and the Vista LC DVI are powered off. Connect the CPU cables between the switch and each computer using the Vista LC combo cables. Connect the DVI monitor and the USB keyboard and mouse to the local port connectors on the switch. If you're using a stereo audio speaker, connect that as well. Power on the system in the following sequence. First the monitors, then the Vista LC DVI switch followed by the individual computers.

Operation   The front panel LED's on the Vista LC DVI indicate the active computer ports and the user connection. Use the front panel push-buttons or the keyboard hotkeys to select between the active computers.

Vista LC DVI Switch – rear panel

Vista LC Switch – combo cable

Specifications

Dimensions (W x D x H)	17.4" x 6.7" x 1.7" 443 x 171 x 44 mm
Weight	5.5 lb (2.5Kg)
Power	100-240 VAC 50-60Hz +12V Max 13W
Video resolution	4:3 - 1600×1200 16:10 - 1920×1200
Computer ports	12
Front panel	10 push buttons for computer selection
LED's	Blue: powered computers connected Green: current user connection
Cable lengths	6ft (2.0m, six included), 15ft (4.5m)
Shock	10G acceleration (11ms duration)
Vibration	5~500Hz 1G RMS random
Compatibility	HP, IBM, Dell, Sun, Mac
OS support	Windows, Linux, Unix, Mac OS
Connectors	**Console:** 1 x DVI-D 2 x USB Type A 1 x 3.5mm stereo audio **Computer:** 12 x DVI-D 12 x USB Type B
Environment	Operating temp: 32°F–131°F (0°C–55°C) Storage temp: -4°F–140°F (-20°C –60°C) Relative humidity: 20%–90%, non-condensing
Regulatory	FCC, CE, RoHS2, REACH

Part numbers

KVM-12TDVI-K1	Vista LC DVI 12 port DVI switch
CAB-CMBDVUAC006	DVI-D/USB to DVI-D/USB/audio 6ft (2.0m) combo cable
CAB-CMBDVUAC015	DVI-D/USB to DVI-D/USB/audio 15ft (4.5m) combo cable