8-Port DVI-I USB KVM SWITCH / RackView Single Rail

8-Port DVI-I USB KVM Switch mounted in a single rail RackView

Supports digital and analog video

Resolution up to 1280 x 1024

KVM port selectors for push-button switching

Multi-platform support for PC's and Mac

Features 2-USB 2.0 device hub ports

Audio and microphone support

Independent switching of PC's, USB Hub, audio and microphone

Features and Benefits
(1 x 8 DVI-I USB Switch)

- Available with 8 DVI-I video ports
- Supports local USB keyboard and mouse
- Push-buttons or hotkey switching
- User definable keyboard hotkey sequence
- Switch USB hub, speaker and microphone jointly with the CPU selection or independently
- Supports both digital and analog video (analog support requires an analog to digital adapter)
- USB 2.0 compliant
- 2 port USB hub for connecting shared USB devices.
- Scanning feature, scans through each CPU connection at a fixed or programmable rate (Fixed = 5 sec. / Programmable = 10–100 sec.)
- Multi-platform support for: PC's / Macintosh G3/G4/G5 / iMAC / Mac Mini / Power Book
- Mounted in a Single Rail 17" RackView

(Single Rail RackView)

- Full size tactile QWERTY keyboard with separate numeric keypad
- Integrated touchpad mouse
- Easy access KVM port selector buttons (1-8)
- Easy monitor adjustments with on screen display (Menu, auto adjust, brightness, contrast, color)
- Easy-glide KVM drawer mounts at any height in a standard 19 inch rack
- Lockable front panel conceals and secures the unit when not in use
- Firmware upgradeable through the USB port

The DVI-I USB KVM Switch Advantage

The 8-port Single Rail RackView/1x8 DVI-I USB KVM Switch from Rose Electronics is the ideal product for switching your DVI-I video and audio from 8 computers to one centralized workstation. The video and audio from each computer can be switched to the local KVM station jointly or independently.

Each CPU port can be easily accessed using either hotkey keyboard commands or using the convenient CPU port selector buttons located above the keyboard. Pushing the selector button instantly switches control to that CPU port.

Two USB 2.0 ports are provided for connecting shared high speed USB peripherals. This allows you to share the USB devices between the eight connected computers.

Each connected computer speaker and microphone outputs are connected to the DVI-I KVM Switch. This eliminates the need for a set for each computer. The audio can be switched independently or jointly with a computer selection.

Local Connections

www.rose.com

DVI-I-USB-KVM Switch basics

The Single Rail RackView/1x8 DVI-I USB KVM Switch is a plug and play device that connects a single workstation to 8 DVI-I, USB computers. Each computer can be switched to and controlled as if you were connected directly to that computer. The switching can be performed by the computer select push buttons above the keyboard or hotkey commands sent from the local workstation. Two USB devices can be connected to the DVI-I-USB KVM Switch. Application outputs can be routed to these USB ports for printing to a common USB printer.

Installation

Installation of the Single Rail RackView/1x8 DVI-I USB KVM Switch is a very easy and simple procedure. Connect each computer's DVI-I video, speaker, and USB port to the corresponding ports on the unit. Local console connections are available at the rear of the unit. This enables use of an external display, keyboard, pointing device, and a USB hub. The default settings allow for normal installation with no configuration.

Part Number

RV1-CSKVT17/KVM-8TDVI/A1

Description

17" Single Rail RackView/1x8 DVI-I USB KVM Switch

Specifications

Dimensions (Single Rail RackView w/switch)

Width (in / mm)	Depth (in / mm)	Height (in / mm)	Weight (lbs / kg)
19 / 482	17.7 /450	1.75 / 44.5	23 / 10.5

*Min/Max depth – 17.75 in – 23.6 in (444mm - 600mm)

Video:

1U-17" TFT-LCD high resolution monitor

Single link	DVI-I
Resolution	1280 x 1024
Video In	1.2 Volts p-p
Vertical refresh	66 Hz min
Pixel Pitch	0.297 mm max
Brightness	200 nits minimum
auto-sync on video signals within min. pixel frequency range of:	25 – 135 MHz
Contrast Ratio	Greater than 350 to 1

Connectors:

Video in / out	DVI-I 29 pin female
Audio in / out	3.5 mm stereo receptacle
USB	Type A, Type B
Power	Male barrel jack

Controls:

Eight computer select buttons
Power switch with power on LED

Screen adjustment controls:

Menu, auto adjust, brightness, contrast, color

Power:

Adapter

VAC input:	110 – 220 VAC +/- 10% VAC 50 to 60 Hz +/- 10%
VDC output:	+12 VDC / 3.3A
Certification:	FCC Class B certified, CE, VCCI, BSMI, NEMKO, NVLAP

Rear view of 8-port KVM Switch

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