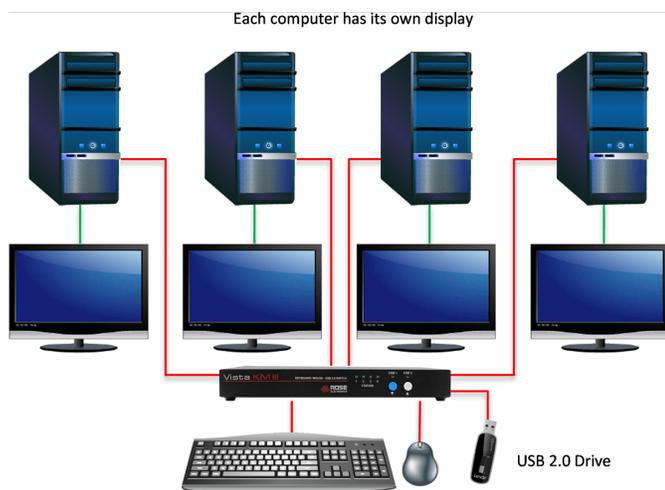




Vista KM III 4 port switch

## Features and Benefits

- Multiple computers can be controlled and managed using a single USB keyboard and mouse
- Available as 4 port and 8 port models and the 4 port model also supports analog audio
- Supports independent USB2.0 switching
- Switch easily between computers using the seamless mouse feature
- No software or drivers, simply plug-and-play



## Product Overview

The Rose Vista KM III keyboard and mouse switch enables users to operate up to 8 PC's or servers using one common keyboard and mouse. This is particularly useful for command-and-control or control desk environments where work space is at a premium, and the presence of multiple sets of keyboard and mouse can lead to desktop clutter and confusion. The USB keyboard and mouse are connected to the Vista KM III that interfaces directly to the host PC's and servers. The monitors are mounted on the desktop within a comfortable and ergonomic viewing range for the user.

The video interface from the PC to the monitor can be DVI, HDMI, Display Port, VGA, or a mixture of any of these video/monitor types as the video connection is transparent to the Vista KM III switch.

### Independent USB2.0 Switching

The Vista KM III has a built-in 2-port USB2.0 hub. You can use this USB2.0 hub to copy files to a flash drive on one computer, while switched to and controlling a different computer. The USB2.0 hub supports devices like printers, flash drives, web cams and DVD drives and can be switched independently of the USB keyboard and mouse by using a hotkey or RS-232 command sequence.

## Controlling the Vista KM III Switch

### Front Panel Control

The front panel buttons (Up/Down) can be used to sequence through the attached computers. The selected computer number is displayed on the front panel LED.

### Hot-Key Commands

By entering hot-key commands, the user can switch computers, navigate back or forth between the connected computers, switch the USB2.0 ports only and select single-head or multi-head display mode.

### RS232 Serial Port Control

Using a serial cable and a communication program like Hyperterminal, the user can operate the switch via serial port commands.

### Hot-Mouse Control

In single-head display mode the mouse can be moved between connected monitors. Moving the mouse beyond the edge of the monitor will cause the Vista KM III to switch to the adjacent computer. In multi-head display mode, simply press the scroll wheel twice and then move the mouse in the direction of the adjacent computer to switch.

**Audio Integration** The 4-port version of the Vista KM III switch supports analog audio. If audio output from any of the host PC's is required, simply connect audio cables between the PC's and the switch, and connect a speaker to the audio output port on the switch. Audio will be output whenever you switch to an active audio input port.

**Multi-Head Computer Operation** The Vista KM III can support multi-head computers with no additional software or drivers required. Connect up to 8 single-head, 4 dual-head or 2 quad-head computers using the same simple cabling configuration or even mix dual-head and quad-head computers on the same Vista KM III switch.

## Specifications

<b>Dimensions (W x D x H)</b>	4 port: 9×4.75×1.13" 230×127×28.7mm 8 port: 12.6×6.6×1.75" 320×168×44.5mm
<b>Weight</b>	4 port: 0.65lb, 0.295Kg 8 port: 10lb, 4.5Kg
<b>Power</b>	External adapter, 100-240VAC, 50/60Hz 5VDC, 4A, 10W
<b>USB signal</b>	USB2.0, USB1.1 and USB1.0
<b>Emulation</b>	USB keyboard and mouse
<b>Connectors 4 port unit</b>	4 × USB Type B 2 × USB Type A for keyboard and mouse 2 × USB Type A for USB2.0 devices 5 × 3.5mm analog audio jacks 1 × DB9(F) RS-232 serial 1 × +5V power jack
<b>Connectors 8 port unit</b>	8 × USB Type B 2 × USB Type A for keyboard and mouse 2 × USB Type A for USB2.0 devices 1 × DB9(F) RS-232 serial 1 × +5V power jack
<b>Controls and status</b>	Port selection by: 2 x front panel push-button Keyboard hotkey sequence Serial port data commands @9600bps Hot mouse, mouse movement gesture
<b>Environment</b>	Operating temp: 32°F – 131°F (0°C – 55°C) Storage temp: -4°F – 185°F (-20°C – 85°C) Rel. humidity: up to 95%, non-condensing
<b>Approvals</b>	UL, CE, RoHS compliant

## Part numbers

<b>KM-4USB-III-A1</b>	Vista KM III, 4 Port USB 2.0 KB/MS + Audio Switch
<b>KM-8USB-III</b>	Vista KM III, 8 Port USB 2.0 KB/MS Switch
<b>CAB-USBAB006</b>	USB-AB, 6ft (2.0m) Cable
<b>CAB-USBAB010</b>	USB-AB, 10ft (3.0m) Cable
<b>CAB-SPMM006</b>	Stereo Audio Cable / 3.5mm jacks (6ft)
<b>CAB-SPMM010</b>	Stereo Audio Cable / 3.5mm jacks (10ft)
<b>CAB-D9MF006</b>	DB9, M/F Serial Cable, 6ft (2.0m)
<b>CAB-D9MF010</b>	DB9, M/F Serial Cable, 10ft (3.0m)



Vista KM III 8 port switch – front panel



Vista KM III 8 port switch – rear panel

**WWW.ROSE.COM** ▪ **sales@rose.com** ▪ **(800) 333-9343**

Rose Electronics ▪ 10707 Stancliff Road ▪ Houston, Texas 77099  
Rose USA (281) 933-7673 ▪ Rose Europe +49 (0) 2454 969442  
Rose Asia +65 6324 2322 ▪ Rose Australia +61 (0) 421 247083

datasheet-vista-km-iii-2017-11-15

**ROSE**  
ELECTRONICS  
**WWW.ROSE.COM**