



Vista CMH KVM Switch



Vista CMB KVM Switch

## Features and Benefits

- VGA/USB KVM Switch in 1U chassis
- Supports up to 1920x1200 video resolution
- 8 or 16 CPU port models available
- USB-HID for keyboard and mouse
- Hot pluggable switch, no software
- Supports SUN 1152x900 resolution
- Multilingual OSD (8 languages)
- Available in two models;
  - Vista CMH – includes 2 × USB2.0 ports
  - Vista CMB – includes a cascade port for CPU port expansion
- The local console port supports VGA video and USB-HID keyboard and mouse
- Each CPU port has an HD15 connector that supports video, keyboard, and mouse signals
- The product kit includes eight or sixteen CPU combo cables (6ft, 2.0m length). Optional CPU combo cables are available in 10ft (3.0m) and 15ft (4.5m) lengths
- 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

## Product Overview

The Vista VGA/USB is a compact and high performance KVM switch, connecting either 8 or 16 PC's with a single VGA/USB keyboard/mouse user console.

Supporting analog video resolutions up to 1920x1200@60Hz, the Vista KVM switch uses keyboard hot-keys, front panel buttons, or internal OSD to switch between the connected PC's. For applications that demand a more secure or controlled switching environment, a Rose Remote USB Keypad or Rose Remote USB Keystick with LED backlighting can be connected to one of the switches' USB-HID control ports.

The PC's can be located up to 15ft (4.5m) from the switch using optional long distance cables. The cables included with the package are 6ft (2.0m) length. The user console can be directly connected to the switch using native VGA and USB keyboard/mouse cables, or extended several meters from the switch using a VGA/USB extender.

Access to the Vista KVM switch can be password controlled with up to 8 possible user profiles accepted.

Front panel LED's indicate which ports are connected to PC's, and which port is active.

The OSD settings include scan mode, mouse speed, change hotkey, password control, PC-port naming and PC switching.

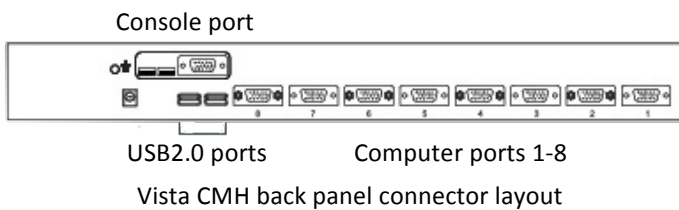
## Applications



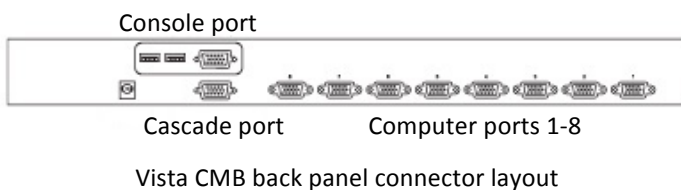
Vista CMH KVM switch with USB2.0 devices attached

### Models available

**Vista CMH** The Vista CMH switch includes a 2-port USB Hub for the connection of external USB2.0 peripherals (scanner, printer, flash drive etc). When switched to an active PC port, the connected computer can access the devices connected to the USB2.0 port.



**Vista CMB** The Vista CMB switch includes an HD15 cascade port for linking additional switches together. Up to 8 levels of switches can be cascaded using the dedicated link port. The main switch at level 1 takes control of all other connected switches.



**The standard power option is an external 12V auto-sensing power adapter. Optionally, these KVM switches can be fitted with a 12/24/48VDC power connector.**

## Specifications

<b>Dimensions (W x D x H)</b>	17.4" x 6.7" x 1.7" 443 x 171 x 44 mm
<b>Weight</b>	8 port: 5.3lb (2.4Kg) 16 port: 5.7lb (2.6Kg)
<b>Power</b>	100-240 VAC 50-60Hz +12V Max 18W, Standby 5W DC option: 12/24/48V (100-125DC input)
<b>No of PC ports</b>	8 or 16
<b>Video resolution</b>	VGA 4:3 1600x1200 VGA 16:10 1920x1200
<b>Connectors</b>	Vista CMH and Vista CMB: CPU video: 8 or 16 VGA (HD15F) Console Video: 1xVGA (HD15F) Keyboard/Mouse: 2xUSB-A Type Vista CMH only: USB2.0: 2xUSB-A Type Vista CMB only: Cascade port: 1x HD15F
<b>Cable connectivity</b>	HD15 to HD15+USB (VGA/USB KVM cable) 6ft (2.0m), 10ft (3.0m), 15ft (4.5m)
<b>Cables included</b>	8 port switch: 8x6ft combo cables 16 port switch: 16x6ft combo cables
<b>Controls</b>	OSD, 10 front panel push-buttons and keyboard hotkeys
<b>Status LED's</b>	Blue: PC connected. Green: Active link
<b>Shock</b>	10G acceleration (11ms duration)
<b>Vibration</b>	10~300Hz, 1G RMS (random vibration)
<b>Supported devices</b>	Mixed PC's, HP, Dell, Sun, Mac, iMac, G4mac
<b>Supported OS</b>	Windows, Linux, Unix, Mac OS
<b>Environment</b>	Operating temp: 32°F – 130°F (0°C – 50°C) Storage temp: -4°F – 140°F (-20°C – 60°C) Relative humidity: max 20-90% non-condensing, 5-90% storage
<b>Approvals</b>	FCC and CE. RoHS2 and REACH compliant

### Part numbers

<b>KVM-108CMH-K1</b>	Vista CMH 8 port KVM switch, VGA, USB Hub, 8 CPU's, 1 user (8x6ft cables incl)
<b>KVM-116CMH-K1</b>	Vista CMH 16 port KVM switch, VGA, USB Hub, 16 CPU's, 1 user (16x6ft cables incl)
<b>KVM-108CMB-K1</b>	Vista CMB 8 port KVM switch, VGA, USB-HID, 8 CPU's, 1 user (8x6ft cables incl)
<b>KVM-116CMB-K1</b>	Vista CMB 16 port KVM switch, VGA, USB-HID, 16 CPU's, 1 user (16x6ft cables incl)
<b>CAB-CMBVMUAC006</b>	6ft (2.0m) VGA to VGA/USB CPU cable
<b>CAB-CMBVMUAC010</b>	10ft (3.0m) VGA to VGA/USB CPU cable
<b>CAB-CMBVMUAC015</b>	15ft (4.5m) VGA to VGA/USB CPU cable
<b>CAB-CMBMM006</b>	6ft (2.0m) HD15 to HD15 cascade cable

**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-cmx-switch.pdf ▪ 2017-11-21

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