RackView™

Rack Mountable KVM Drawer with optional KVM Switch

Quick Start Guide

RV2-KVM15B	RV2-CKVM15A	RV1-LCD17 / 19	RV1-KM

RV1-KVM15C/17B/19A	RV1-CEKVM15A/17	RV1-KVM17/19 (SU/SM) (SUN)

The RackView offers the latest, most efficient way to control server rooms or multiple computers. The RV1 & RV2 models are offered with an optional KVM switch installed.

SUN models with MD8 or USB connectors are now available

Features

- Supports AT/XT, PS/2, Unix®, Sun®, and Macintosh®
- 15", 17", or 19" TFT/LCD color monitor with front panel controls
- On-screen display for easy adjustments
- Tactile keyboard
- Integrated High-Resolution Trackball mouse
- Optional KVM switch
- Fits in a standard 19" rack
- Front panel conceals unit when it is not in use
- RV1-KVM19 model features PIP and 3 video inputs, HD15, RCA, and S-Video
- One year limited warranty

ROSE ELECTRONICS

Package contents

- RackView Drawer assembly
- Trackball driver (on floppy diskette)
- Video monitor users manual (Not included with model RV1-KM)
- Power cord (US only)
- Rack mounting cage nuts

Unpacking

- **DO NOT DISCARD THE SHIPPING CONTAINER, PACKING MATERIAL OR SHIPPING PLATE.**
- Tools needed - #2 Phillips head screwdriver
- Remove RackView assembly from the shipping container by removing the top protective foam and lifting from the middle of the unit.
- Remove other protective foam and covering.
- Set the unit on a flat surface and open the monitor far enough to remove the protective foam material, and then close the monitor.
- Remove the shipping plate from the back of the unit's rail assembly (if applicable).

Things to note

- This installation guide covers the installation of the RackView models. If the RackView is ordered with the Rose KVM switch option, please refer to the switch's manual for cable connectivity and switch configuration.
- **Do not adjust the front rail brackets.**
- The rack dimensions must be 19" x 23" to 28"

 It is recommended that two people perform the installation.

Specifications

Monitor	
Panel	15", 17", or 19" TFT/LCD active matrix color
Max. Resolution	15" – 1024 x 768 @ 75Hz 17" – 1280 x 1024 @ 75Hz 19" – 1280 x 1024 @ 75Hz
Video compatibility	SVGA, VGA, XGA, RGB
Regulations	UL, Energy Star, VESA DPMS
Connectors	15" & 17" models - HD15 19" model – HD15, RCA, S-Video (With PIP)
Keyboard	
Selectable	PS/2 or AT
Power	+5V DC/300mA max.
Connector	MiniDin-6
Trackball mouse	
Compatibility	PS/2 (MiniDIN-6) or serial (DB9)
Resolution	Variable 20-6400 dpi
Tracking speed	500 mm/sec
Connector	MiniDin-6
RackView	
Temp/Humidity	32°F - 104°F / 0°C - 40°C, 5% - 80% RH

RackView Installation

1U assembly (RV1 models)

1. Tilt the RackView assembly enough to fit through the rack opening. Guide it through the rack until the rear mounting flanges are just past the rear of the rack rails. Make sure the front mounting flanges remain on the outside of the front rack rails.
2. Level the RackView assembly (left to right) and secure the rear mounting flanges (left and right) to the rear rack rails using the included mounting screws (4 screws).
3. Secure the front mounting flanges (left and right) to the front rack rails using the included mounting screws (4 screws). Make sure the RackView assembly is level (front to back).
4. Check that the RackView assembly will slide in flush with the front rack rails, and open fully with no binding.

2U assembly (RV2 models)

1. Slide the left and right finger brackets off from the RackView rail assembly and mount them to the rear rack rails using the provided mounting screws (4 screws). Make sure the finger brackets are level.
2. Guide the RackView assembly through the rack, lining up the left and right slide rails with the left and right finger brackets. Slide the assembly over the rear finger brackets until the front mounting flanges are flush with the front rack rails.
3. Secure the front mounting flanges to the front rack rails using the provided mounting screws (4 screws). Make sure the RackView assembly is level, front to back and side to side.
4. Check that the RackView assembly will slide in flush with the front rack rails, and open fully with no binding.

Keyboard/mouse assembly

Refer to the 1U assembly installation procedure for the RV1-KM model installation.

LCD monitor assembly

Refer to the 1U assembly installation procedure for the RV1-LCD model installation.

System Installation

1. Remove the cable ties that secure the power cord and KVM cables.
2. Connect the power cord to the power adapter and to 110/220-volt power source.
3. Locate the keyboard, video monitor, and mouse cables on the RackView and connect these cables to the corresponding ports on a PC or the KVM connector on a Rose switch. When connecting to a Rose switch, a KVM adapter cable may be required if the KVM switch's connector is a DB25F. Before connecting any CPUs to a Rose switch, verify that the CPUs video resolution is set-up to be compatible with the RackView's monitor resolution. Refer to the specific Rose switch manual for connecting and configuring the CPUs.
4. Apply power to the RackView and the CPU or Rose switch.
5. If the Trackball is erratic or inoperable, the Trackball driver may need to be installed on the connected CPU (Trackball driver provided on floppy)
6. Refer to the monitor manual for information concerning the set-up and controls.

KVM switch options

The RackView can be ordered with an optional Rose Electronics KVM switch. The UltraView Pro, ServeView Pro and the UltraMatrix 2xE and 4xE models can easily be installed in the RackView. They mount to the rear RackView rails on the provided brackets. Contact Rose Electronics Technical support for assistance.

Maintenance and Repair

This unit does not contain any user-serviceable parts. In the event a Unit needs repair or maintenance, you must first obtain a Return Authorization (RA) number from Rose Electronics or an authorized repair center. This Return Authorization number must appear on the outside of the shipping container.

When returning a Unit, it should be packed in the original container or equivalent, insured and shipped to:

Rose Electronics
Attn: RA_____
10707 Stancliff Road
Houston, Texas 77099 USA

Technical Support

If you are experiencing problems, or need assistance in setting up, configuring or operating your Rose Electronics equipment, consult the appropriate sections of this manual. If, however, you require additional information or assistance, please contact the Rose Electronics Technical Support Department at:

Phone: (281) 933-7673
E-Mail: TechSupport@rose.com
Web: www.rose.com

Technical Support hours are from: 8:00 am to 6:00 pm CST (USA), Monday through Friday.

Please report any malfunctions in the operation of this Unit or any discrepancies in this manual to the Rose Electronics Technical Support Department.