



- ▶ 1U model with 17" or 19" TFT/LCD monitor
- ▶ Resolution up to 1280 x 1024, VGA or DVI
- ▶ USB or PS/2 touchpad/keyboard interface
- ▶ On screen menu for easy adjustments
- ▶ Touchscreen option for LCD control
- ▶ Full size 104 keyboard with a separate numeric keypad and a 2-button touchpad mouse
- ▶ Optional DVI/USB or VGA/USB KVM Switch
- ▶ Supports Windows, Linux, MAX OS X, SUN

Features and Benefits

- Easy-glide KVM drawer can be mounted at any height in a standard 19" rack
- Monitor OSD allows for easy adjustments of color, brightness, contrast, position, and shape of the display
- Front USB2.0 port for device access (available with KVM-Hub switch only)
- Panel protected by tempered glass
- Active EDID monitor function
- Quick and easy "One Man" rack mounting installation
- Fold and tilt the LCD Monitor for optimum viewing position
- 18 International keyboard versions available
- Mounting rails included

Options available

- Integrated KVM switch, DVI (12 port) or VGA/USB (8 or 16 port)
- Touchscreen - Resistive or Capacitive
- HDMI (replaces the DVI interface)
- DC power, 12, 24, 48, 125, 250V
- AV (S-Video + Composite BNC)
- Trackball mouse

Product Overview

RackView offers the latest, most efficient way to organize and streamline your server rooms and multiple computers. The RackView is a rack mountable KVM station with either a 17inch or 19 inch monitor, neatly fitted in a compact pullout drawer. This easy-glide KVM station contains a high-resolution monitor, a tactile keyboard, and a touchpad or trackball mouse.

The RackView can be placed at any height within a standard 19" rack. This offers the operator the maximum in comfort and takes up a minimum amount of rack space. The front panel conceals the unit when it is not in use.

Several KVM switch options enable user access to multiple servers or computers. Rose Electronics external KVM switch options are fully expandable and when combined with the RackView, your system becomes a versatile, distributed matrix-controlled system with controlled access to the servers, and many other features. PC, UNIX, Sun and MAC, computers can be easily accessed, monitored, and controlled locally using RackView.

Typical Application



Installation Simply install the provided adjustable mounting rails in your standard 19" rack. Slide the unit into the mounted brackets and secure it. One person can easily install the RackView in a rack. Rack mounting rails adjust from approximately 21" to 29.5"

Front panel The monitor's front panel has a push button controlled (OSD) on-screen display to scroll through the menu options and adjust options.

Keyboard and mouse The RackView has a full size 104-key keyboard with a separate numeric keypad and with an integrated 2-button touchpad mouse. The keyboard and mouse are available with PS/2 or USB connector cables.

Monitor The high resolution, static-free, TFT/LCD color monitor provides a crisp, clear image with resolutions up to 1280 x 1024 @ 60/75Hz. Available as a 17 inch or 19 inch monitor.

Touchscreen option The touchscreen can be either capacitive or resistive, with a single finger touch-point. Compatible with Windows, Linux OS. It is factory fitted, and has a USB-A interface

Rear panel cable connectors Standard rear panel connectors include one VGA (HD15F) and one DVI-D video connector. The USB or PS2 keyboard and mouse signals are transferred on the KVM connector. Rose Electronics provides a choice of 3 different connection cables for the Rackview to host device connection. The cable length is 6ft (2.0m).

Specifications

| | |
|-------------------------------|---|
| Dimensions (W x D x H) | 17": 17.4 × 18.1×1.73" (442×460×44 mm) 19": 17.4 × 19.7×1.73" (442×500×44 mm) |
| Net Weight | 17": 26lbs (12kg) Gross: 36.5lbs (16.6kg) 19": 27.9lbs (12.7kg) Gross: 38lbs (17.3kg) |
| Power | 100-240 VAC, Max 2W |
| Display size | 17 inch and 19 inch |
| Resolution | Up to 1280 × 1024 |
| Panel type | Active matrix TFT (LCD) |
| Pixel pitch | 17": 0.264 mm 19": 0.294 mm |
| Display area | 17": 0.264 mm 19": 0.294 mm |
| Viewing angle | Horizontal view 170°(Typical), Vertical View 160°(Typical). 85/85/80/80 |
| Contrast ratio | 1000:1 |
| Brightness | White 3250cd/m ² |
| Back light | LED |
| Colors | 16.7M Colors (8-bit with FRC) |
| Response time | 5 ms |
| Ops System | Windows, Linux, Unix, MAC OS |
| EDID | VESA EDID 1.3 for VGA/DVI |
| Keyboard | Full size tactile 104-Key keyboard with separate numeric keypad |
| Mouse | 2-button with touchpad |
| Controls | Capacitive push buttons and OSD |
| Standard connectors | 1 × VGA HD15F 15-pin (includes keyboard and mouse signals) 1 × DVI (F) 1× IEC power connector |
| Option connectors | Touchscreen: USB-A Audio: built-in dual speakers, 2W ×2 HDMI: 1 × HDMI 1.3 CEA-861-D AV: S-Video + Composite BNC DC Power: 2-wire terminal block |
| Interface cables | 1 cable is selected for Rackview inclusion. DVI/USB: DVI-D + HD15M to DVI-I + USB-A(1) VGA/USB: HD15 to HD15 + USB-A(1) VGA/PS2: HD15 to HD15 + PS2(2) |
| Keyboard languages | US, UK, German, French, Spanish, Italian, Portuguese, Dutch, Swiss, Belgium, Swedish, Norwegian, Hebrew, Danish, Japanese, Mandarin, Russian, Arabic |
| Environment | Operating temp: 32°F – 122°F (0°C – 50°C) Storage temp: -4°F – 140°F (-20°C – 60°C) Rel. humidity: 10% – 90%, non-condensing |
| Shock | 10G acceleration (11ms duration) |
| Vibration | 5-500Hz, 1G RMS random vibration |
| Approvals | FCC, CE, UL, CUL, C-Tick, RoHS |

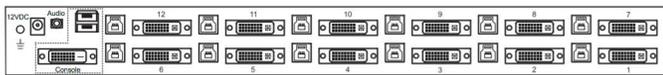
Rackview back panel The back panel of the Rackview has two connectors, labelled DVI-D and KVM. The DVI-D connector is for direct DVI video. The KVM connector supports VGA video, as well as keyboard and mouse signals.



Rackview rear panel

Optional KVM switch Choose between three different fully integrated KVM switches for full rack console operation. These switches are rear mounted with all connectors facing outwards. Operation and control of the KVM switch is via keyboard hot-key commands. The Rackview and switch combination needs to be factory ordered as the switch cannot be field installed.

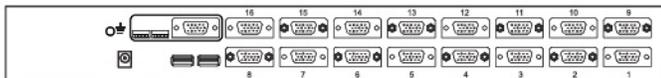
When a KVM switch is pre-installed in the Rackview, the /Kn interface cable is not required. Limited quantities of CPU cables are included with each Rackview and switch kit. Additional quantities of CPU cables are available upon request.



DVI/USB switch

(includes 6x 6ft DVI/USB cables)

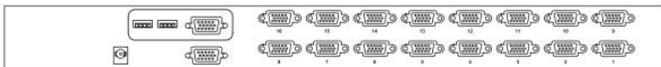
Connectors: (12 x DVI-I, 1 x DVI-D, 12 x USB-B, 2 x USB-HID)



VGA/USB switch with 2-port USB hub

(includes 8x 6ft VGA/USB cables)

Connectors: (8 or 16x HD15, 1x VGA, 2x USB-HID, 2x USB2.0)



VGA/USB switch with a cascade port

(includes 8x 6ft VGA/USB cables)

Connectors: (8 or 16 x HD15, 1 x VGA, 2 x USB-HID)

Part numbers

| | |
|-------------------------------------|--|
| RV1-CAKVT17/DVI/Kn | Rackview 17" LCD 1280x1024 |
| RV1-CAKVT19/DVI/Kn | Rackview 19" LCD 1280x1024 |
| RV1-CAKVT17/DVI/KVM-12TDVI | 17" LCD KVM Drawer + 12-port DVI/USB Switch/6 cables |
| RV1-CAKVT19/DVI/KVM-12TDVI | 19" LCD KVM Drawer + 12-port DVI/USB Switch/6 cables |
| RV1-CAKVT17/DVI/KVM-108CMH | 17" LCD KVM Drawer + 8-port VGA/USB Switch, USB2.0 + 8 cables |
| RV1-CAKVT19/DVI/KVM-116CMH | 19" LCD KVM Drawer + 8-port VGA/USB Switch, USB2.0 + 8 cables |
| RV1-CAKVT17/DVI/KVM-108CMB | 17" LCD KVM Drawer + 8-port VGA/USB Switch + 8 cables |
| RV1-CAKVT19/DVI/KVM-116CMB | 19" LCD KVM Drawer + 8-port VGA/USB Switch + 8 cables |
| /K1 | HD15 -HD15 + (1) USB-A, user interface cable |
| /K2 | HD15 to HD15 + (2) PS2, user interface cable |
| /K3 | DVI-D + HD15 to DVI-I + USB-A, user interface cable |
| /TSR or /TSC | Touchscreen Option. TSR = Resistive touchscreen TSC = Capacitive touchscreen |
| /HM | HDMI video audio option /w speaker |
| /AV | S-Video + Composite video option |
| /KM | Trackball 2-button mouse option |
| /DCnmm | 12, 24, 48, 125, 250 DC power |
| International keyboard (/nn) | /UK, /US, /DE, /FR, /SP, /IT, /PT, /NL, /CH, /BE, /SE, /NO, /IL, /DK, /JP, /CN, /RU, /AR |

Interface cables

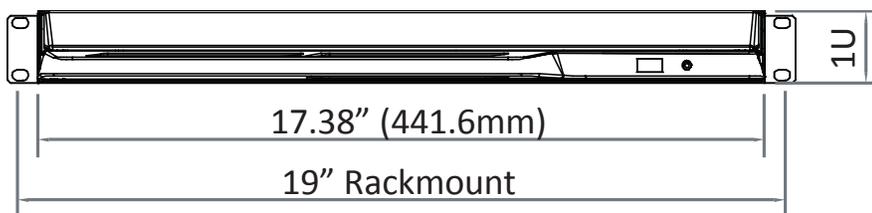


K1: VGA + USB

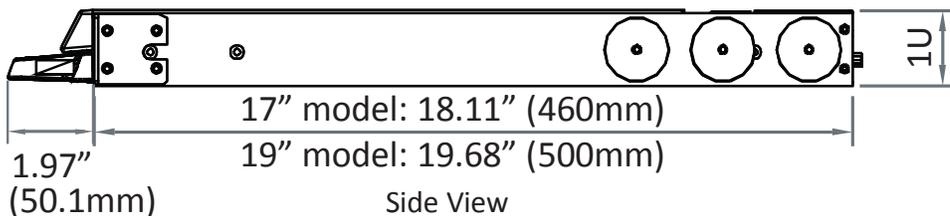
K2: VGA + PS2

K3: DVI + USB

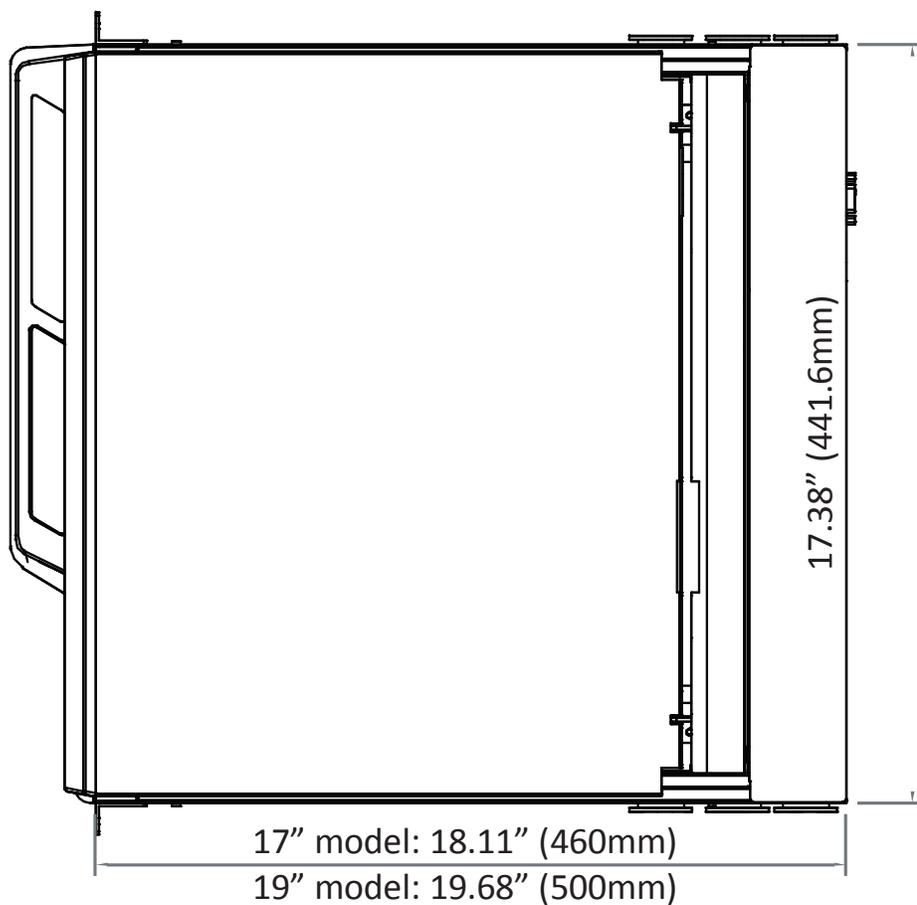
DIMENSIONS



Front View



Side View



Top View

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

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