

RackView Widescreen 19"

KVM RACK DRAWER WITH 19" LCD



- ▶ DVI/VGA video interface included
- ▶ Supports widescreen resolution up to 1440×900
- ▶ USB keyboard and touchpad mouse
- ▶ OSD function for LCD display
- ▶ Short depth rack-drawer (18.1", 460mm)
- ▶ 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, Unix, MAC OS X

Features and Benefits

- Easy-glide 1U 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 USB 2.0 port for device access (available with KVM-Hub switch only)
- Panel protected by tempered glass
- Active EDID monitor function
- 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)
- HDMI (replaces the DVI interface)
- DC power, 12, 24, 48, 125, 250V
- 3G/HD/SD-SDI video
- S-Video + Composite (BNC)
- Trackball mouse

Product Overview

RackView Widescreen 19" offers the latest, most efficient way to organize and streamline your server rooms and multiple computers. The RackView Widescreen is a rack mountable KVM station neatly fitted in a compact slide-out drawer. The easy-glide KVM station contains a high-resolution bright active matrix TFT display that provides crisp images at high resolution up to 1440×900, with wide viewing angles, a tactile keyboard and a 2-button touchpad mouse. The front panel neatly conceals the unit when it is not in use.

RackView Widescreen can be connected to a computer or to a Rose Electronics DVI/USB or VGA USB KVM switch. Rose Electronics KVM switch options are fully expandable and when connected to a RackView Widescreen, your system becomes a versatile distributed matrix controlled system with multi-user capability, controlled access to the servers, and many other features. For example, the Rackview with the bundled VGA/USB + USB2.0 hub switch features a front USB port for device access.

Windows, Linux, Unix, Sun and MAC, computers can be easily accessed, monitored, and controlled locally using RackView.

Typical Application



Installation RackView Widescreen is very easy to install. Simply adjust the rack-rail length to the depth of your rack, slide the unit through the rack and secure the rack mount brackets to the front and rear rack rails.

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 features a full size 104-key keyboard with a separate numeric keypad. And a 2-button touchpad mouse. Both PS/2 and USB mouse connectors are provided on the rear panel.

Monitor The high resolution, static free, TFT color monitor provides maximum clarity with resolutions up to 1440x900. HD15 (VGA + USB Combo), DVI-D and optional HDMI connectors are provided on the rear panel.

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).

Rear extension rails

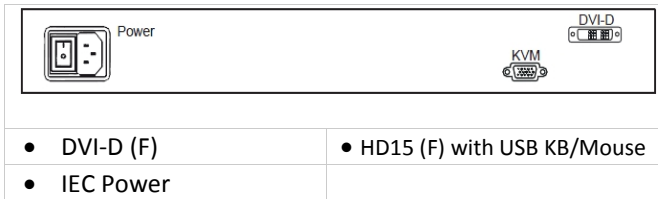
Included: 18.1 - 29.5inch (460 - 750mm)

Optional: 18.1 - 33.5 inch (460 - 850mm)

Specifications

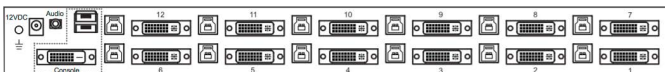
Dimensions (W x D x H)	17.4" × 18.1" × 1.73" (441.6 × 460 × 44 mm) Package dimension: 23.2" × 38.1" × 5.5" (590 × 808 × 140 mm)
Weight	Net: 25.3lbs(11.5kg) Gross: 35.2bs(16kg)
Power	100-240 VAC, 25W
Power consumption	Display On Max: 25W Power saving Max: 4 W
Display size	19 inches
Resolution	Up to 1440x900
Panel type	Active matrix TFT (LCD), Anti-glare
Display area	Horizontal: 408.24mm, Vertical: 255.15mm
Viewing angle	(L/R/U/D) 80/80/80/80
Contrast ratio	1000:1
Brightness	White 300 cd/m ²
Back light	CCFL
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	Audio: built-in dual speakers, 2W ×2 HDMI: 1 × HDMI 1.3CEA-861-D 3G / HD / SD-SDI with 2 × BNC AV: 1 × S-Video, 1 × 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: 20% – 90%, non-condensing
Shock	10G acceleration (11ms duration)
Vibration	5-500Hz, 1G RMS random vibration
Approvals	FCC, CE, RoHS, REACH

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.



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.

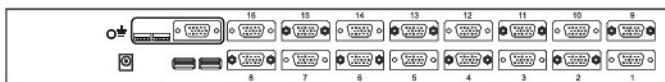
When a KVM switch is pre-installed in the Rackview, the /Kn interface cable is not required. Limited quantities of CPU cables are included with each Rackview and switch kit. Additional quantities of CPU cables are available upon request.



DVI/USB switch

(includes 6x 6ft DVI/USB cables)

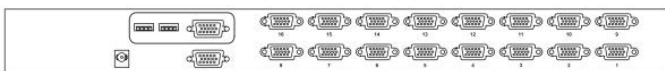
Connectors: (12x DVI-I, 1x DVI-D, 12x USB-B, 2x USB-HID)



VGA/USB switch with 2-port USB hub

(includes 8x 6ft VGA/USB cables)

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

Part numbers

RV1-CAKVT19/WS/Kn	Rackview 19" widescreen KVM drawer 1440x900
RV1-CAKVT19/WS/KVM-12TDVI	19" widescreen KVM drawer 1440x900 + 12-port DVI/USB switch + 6 cables
RV1-CAKVT19/WS/KVM-108CMH	19" widescreen KVM drawer 1440x900 + 8-port VGA/USB switch, 2-port USB2.0 hub + 8 cables
RV1-CAKVT19WS/KVM-108CMB	19" widescreen KVM drawer 1440x900 + 8-port VGA/USB switch, 1 cascade port + 8 cables
RV1-CAKVT17WS/KVM-116CMH	19" widescreen KVM drawer 1440x900 + 16-port VGA/USB switch, 2-port USB2.0 hub + 8 cables
RV1-CAKVT19/WS KVM-116CMB	19" widescreen KVM drawer 1440x900 + 16-port VGA/USB switch, 1 cascade port + 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
/HM	HDMI video audio option with 2 x 2W speakers
/3G	3G / HD / SD-SDI option
/AV	S-Video + Composite(BNC) option
/KM	Trackball 2-button mouse option
/nnnDC	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

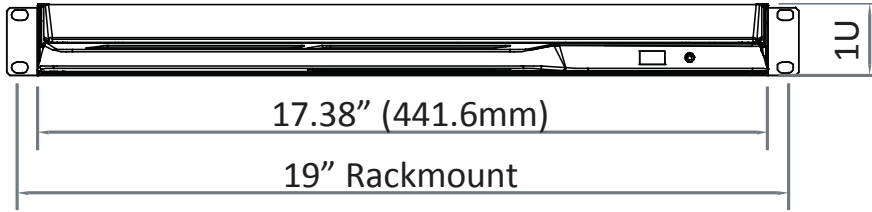


K1: VGA + USB

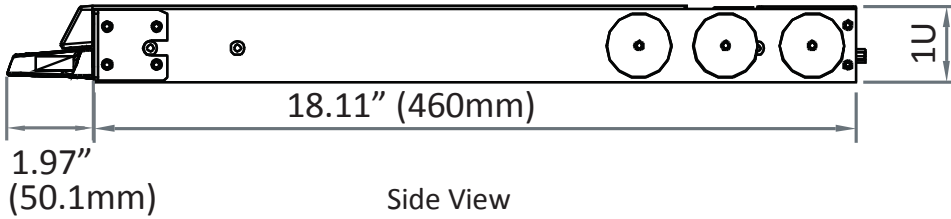
K2: VGA + PS2

K3: DVI + USB

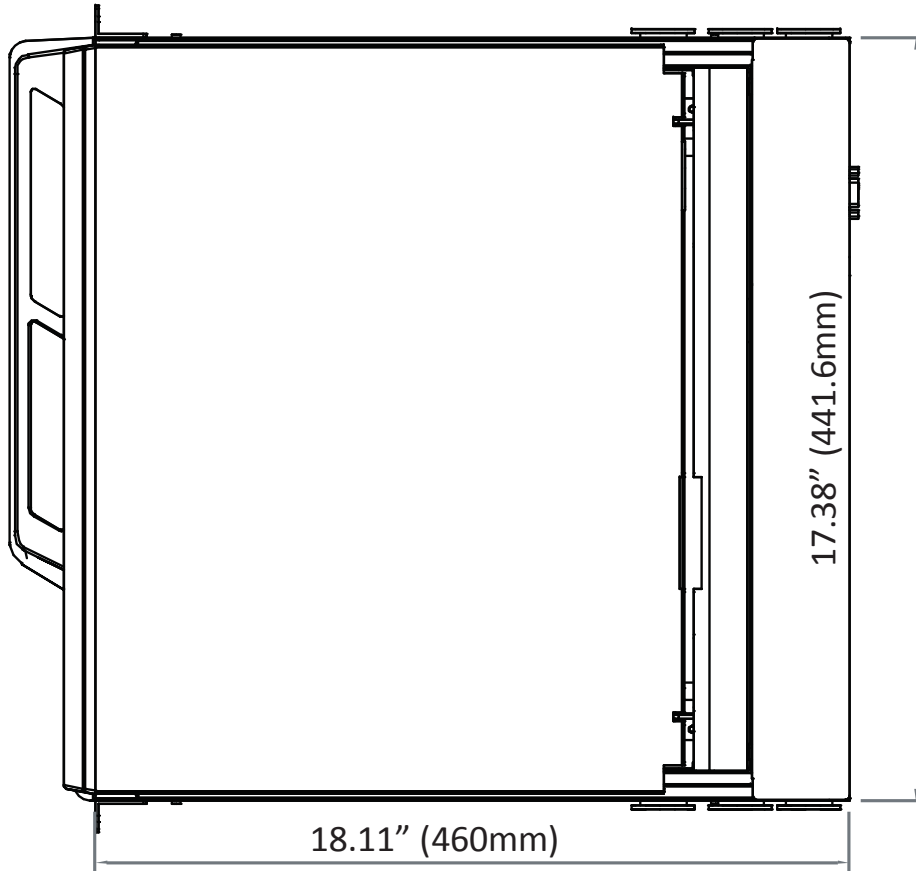
DIMENSIONS



Front View



Side View



Top View

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