

RackView Sideways 24"

LARGE-SCREEN 24" KVM RACK DRAWER



- ▶ Easily accessed when facing sideways to rack
- ▶ DVI video up to 1920×1200, WUXGA
- ▶ Large-screen 24.1" widescreen TFT
- ▶ USB keyboard and touchpad mouse
- ▶ OSD function for configuring LCD display
- ▶ Select left or right side opening
- ▶ PIP function for dual video display
- ▶ Optional trackball mouse, HDMI, 3G/SD-SDI video, and DC power
- ▶ Optional rear-mounted DVI/USB KVM switch

Features and Benefits

- Fold-forward 24.1" LCD display, keyboard, and mouse in a 1U sliding rack-drawer package
- Innovative sideways sliding drawer with left-side or right-side opening
- Resolution up to 1920×1200@60Hz
- Bright active matrix TFT/LCD display
- Connects directly to a PC or KVM switch using either the DVI/USB or HDMI/USB interface
- PIP function for dual video display when using the combined HDMI and SD-SDI video input
- 104-key USB keyboard and touchpad mouse
- Full size tactile keyboard with separate numeric keypad for typing comfort
- Power button turns off monitor power when the LCD monitor is folded shut
- Supports 16 different keyboard languages
- Molded front handle for easy grip, slide-out, and fold-away
- The OSD allows for easy adjustment of the input source, brightness, contrast, and color via front panel push-button control

Product Overview

RackView Sideways 24" offers the latest and most efficient way to organize and streamline your server rooms or multiple computers. Since a 24" display is wider than a standard 19" rack, the rack mountable KVM station smoothly pulls out upon its slides and the hinged display opens at right angles to the rack. The easy-glide KVM station contains a high-resolution bright active matrix TFT display that provides crisp images at up to 1920×1200, wide viewing angles, a tactile keyboard, and a 2-button touchpad mouse or trackball.

The KVM rack drawer can be placed at any height within a standard 19" rack, ensuring ease of use and takes up a minimum amount (1U) of rack space.

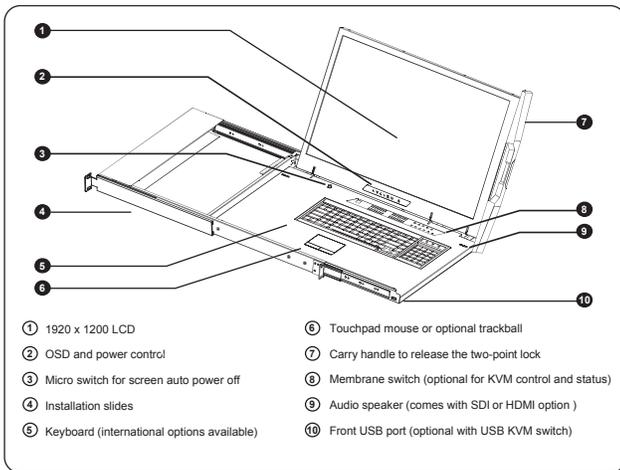
Select between the left-side and right-side opening models to best fit the ergonomics of your rack room. The front panel neatly conceals the unit when it is not in use.

RackView 24" can be connected to a computer or any Rose Electronics DVI/HDMI KVM switch. Rose Electronics KVM switch options provide a versatile switching system with multi-user capability, controlled access to the servers, and many other features.

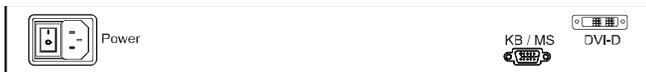
Typical Application



Installation RackView Sideways 24" 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 with the supplied 8x M6 screws, cage nuts, and cup washers. A cable is supplied that connects the video, keyboard, and mouse signals to your host computer DVI or HDMI and USB.



Annotated diagram of RackView Sideways 24"

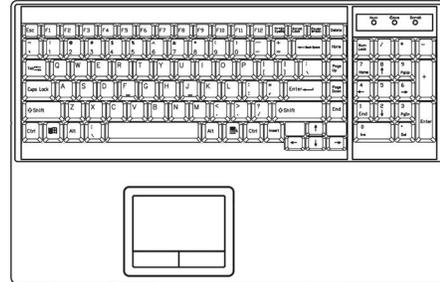


Rear panel of RackView Sideways 24" with DVI

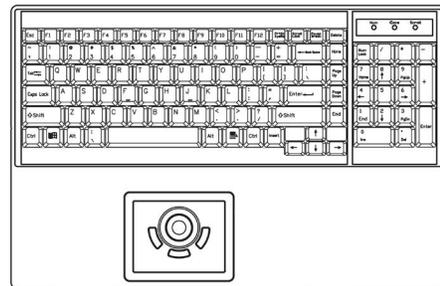


Rear panel of RackView Sideways 24" with HDMI

Keyboard and Mouse The RackView's tactile keyboard is a full size 104-key keyboard with a separate numeric keypad. International keyboard options are available. The product also has an integrated 2-button touchpad mouse. An optional trackball mouse is available.



US keyboard layout with touchpad



US keyboard layout with touchpad

Options The RackView can be ordered with an external 4-port/8-port DVI/USB KVM switch or an internal 12-port DVI/USB KVM Switch. Other options are: trackball mouse, HDMI video input, SDI video input, DC power, and international keyboard layout.

Optional KVM Switch The optional single-user 12-port DVI/USB KVM switch can be mounted in the rear chassis frame. Six sets of CPU cables are included with the integrated RackView + Switch kit.



DVI/USB KVM Switch

Specifications

Dimensions	17.4 × 27.6 × 1.73" (442 × 700 × 44mm)
Weight	Net: 33.7lb (15.3Kg) Gross: 42.9lb (19.5Kg)
Size (diagonal)	24.1" widescreen TFT color LCD
Max Resolution	1920 × 1200 native WUXGA
Signal Input	DVI-D single link or optional HDMI/SDI
Panel Type	Active matrix TFT LCD, Anti-Glare
Display Area	518mm H x 324mm V
Dot Pitch	0.27mm
Viewing Angle	178° x 178° (L/R/U/D) 85/85/89/89
Contrast Ratio	1000:1
Brightness and backlight	White 300cd/m ² LED backlight
Supported Colors	16.7 million colors
Response Time	14ms
Connectors	1 x DVI-D Female Video 1 1 x HD-15 KB/Mouse 1 x IEC AC power connector Connects to DVI/USB on computer with supplied DVI/USB cable
Plug and Play	VESA EDID 1.3 for DVI
Keyboard/Mouse	104 USB keyboard with touch pad mouse
Shock	10G acceleration (11ms duration)
Vibration	5-500Hz, 1G RMS random vibration
Power Source	Auto-sensing 100 - 240 VAC, 50/60Hz 24/48/125/250 VDC (option)
Power Consumption	Display ON Max: 40 Watt Power Saving: 5 Watt
Temperature	Operating: 0 - 55 °C / 32 - 131 °F Storage: -20 - 60 °C / -4 - 140 °F
Humidity	20% - 90% non-condensing (RH)
Supported OS	Windows, Linux, Mac OS X, Sun
Chassis	Heavy duty steel materials – 1U height
Keyboard Options	Contact Rose Electronics or user manual
Approvals	FCC, CE, RoHS2, REACH

Note, when adding SDI video or DC power options to the RackView, the chassis depth changes from 27.6" (700mm) to 29.5" (750mm)

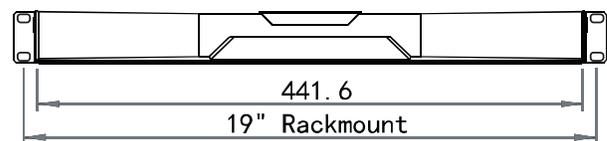
Resolution related to LCD specification

16:10	Maximum 1920×1200
16:9	Maximum 1920×1080
4:4	Maximum 1600×1200

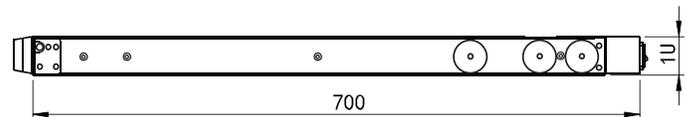
Part numbers

RV1-CAKVT24L/K3	RackView 24" LCD Drawer 1920×1200 with left side opening
RV1-CAKVT24R/K3	RackView 24" LCD Drawer 1920×1200 with right side opening
OPTIONS – add as suffix to part number above	
/KVM-12TDVI	12-port DVI/USB switch + 6 cables
/HM	HDMI 1.4 video audio option
/SD	3G/HD/SD-SDI video option
/KM	Trackball 2-button mouse option
/nnnDC	12, 24, 48, 125, VDC power
International keyboards (/nn)	/UK, /US, /DE, /FR, /SP, /IT, /PT, /NL, /CH, /BE, /SE, /NO, /IL, /DK, /JP, /CN, /RU, /AR

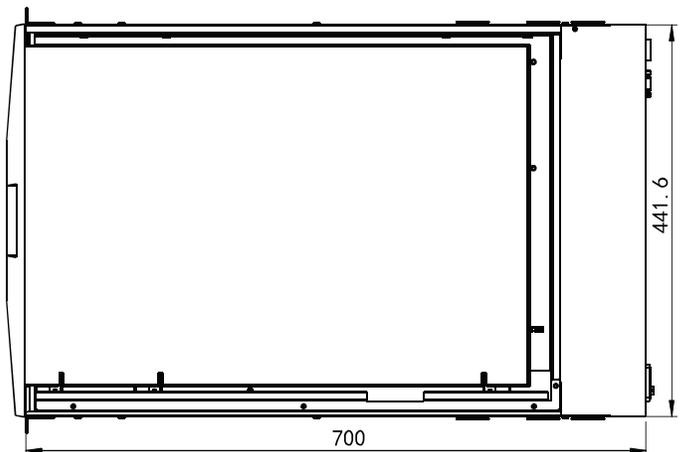
Dimensions



Front View



Side View



Top View

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