



- ▶ 1U rack drawer with a 20-inch TFT LCD display
- ▶ Resolution up to 1600 × 1200, VGA or DVI
- ▶ USB or PS2 touchpad/keyboard interface
- ▶ On screen menu for easy adjustments
- ▶ 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, Sun, MAC OS

Features and Benefits

- Impressive 20.1-inch high-resolution monitor
- 1600 × 1200 (UXGA) resolution
- Monitor panel protected by tempered glass
- Full size keyboard with separate numeric keypad
- Integrated touchpad mouse
- Standard DVI and VGA video connections
- USB and PS2 keyboard/mouse connections
- Quick and easy rack mounting installation
- Lockable front panel secures and conceals the unit when closed
- Monitor OSD allows for easy adjustments of color, brightness, contrast, position, phase, clock and language of the display
- Front panel controls provide access to the OSD for set-up and quick adjustments
- Easy-glide KVM drawer can be mounted at any height in a standard 19-inch rack

Product Overview

RackView 20" DVI offers the latest, most efficient way to organize and streamline your server rooms and multiple computers. The RackView 20" DVI easy-glide KVM station contains a high-resolution bright active matrix TFT display that provides crisp images at high resolution up to 1600 × 1200, and wide viewing angles, a 104-key tactile keyboard and a 2-button touchpad mouse.

RackView 20" DVI can be placed at any height within a standard 19-inch rack, ensuring ease of use and taking up a minimum amount (1U) of rack space. The lockable front panel neatly 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 The RackView 20" DVI 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 RackView's front panel has a push button LCD display controller to scroll through and adjust the menu options.

Display The high resolution, static free, LCD color display provides maximum clarity with video resolutions up to 1600 × 1200.

Rear panel cable connectors Standard rear panel connectors include one VGA and one DVI-D video connector with optional HDMI. A 6ft (2.0m) cable is supplied that connects the video signal to your host computer or video source.

RackView options available

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

RackView back panel Standard connections available include DVI-D and VGA (HD15F) video. The keyboard and mouse signals are transferred on the VGA connector. Select from the K1, K2 or K3 options for a KVM interface cable to be included with the RackView.

RackView back panel – standard connector layout	
<ul style="list-style-type: none"> ▪ DVI-D video ▪ IEC Power 	<ul style="list-style-type: none"> ▪ VGA (HD15) for VGA, keyboard and mouse

Optional KVM switch Choose between two 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. CPU cables are included with each RackView and switch kit. Additional quantities of CPU cables are available upon request.

<p align="center">12-port DVI USB KVM Switch</p>
<p align="center">DVI/USB Switch (includes 6 x 6ft DVI/USB CPU cables) Connectors: (12 x DVI-I, 1 x DVI-D, 12 x USB-B, 2 x USB-HID)</p>
<p align="center">8 or 16 port VGA USB KVM Switch</p>
<p align="center">VGA/USB Switch with cascade port (includes 8 or 16 x 6ft CPU cables) Connectors: (8 or 16 x HD15, 1 x VGA, 2 x USB-HID)</p>

Part Numbers

RV1-CAKVT20/DVI/Kn	RackView 20" DVI KVM drawer 1600×1200
RV1-CAKVT20/ KVM-12TDVI-K1	RackView 20" DVI KVM drawer 1600×1200 + 12-port DVI USB switch + 6 cables
RV1-CAKVT20 KVM-108CMB-K1	RackView 20" DVI KVM drawer 1600×1200 + 8-port VGA USB switch, 1 cascade port + 8 cables
RV1-CAKVT20 KVM-116CMB-K1	RackView 20" DVI KVM drawer 1600×1200 + 16-port VGA USB switch, 1 cascade port + 16 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 × 2W speakers
/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

Specifications

Dimensions	17.4" × 25.6" × 1.73" (441.6 × 650 × 44 mm) Package dimension: 23.4" × 33.9" × 5.5" (595 × 860 × 140 mm)
Weight	Net: 31.9lbs(14.5kg) Gross: 48.4bs(22kg)
Power	100-240 VAC, 25W
Power consumption	Display On Max: 48W Power saving Max: 4 W
Display size	20.1 inches
Resolution	Up to 1600×1200
Panel type	Active matrix TFT (LCD), Anti-glare
Display area	Horizontal: 408mm, Vertical: 306mm
Viewing angle	(L/R/U/D) 89/89/89/89
Contrast ratio	800:1
Brightness	300 cd/m ²
Back light	CCFL
Colors	16.7M Colors
Response time	16ms
Ops system	Windows, Linux, Unix, MAC OS, SUN
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 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)
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

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