



- ▶ Rackmountable 1U, sliding LCD drawers
- ▶ Available in 17", 19" and 20" models
- ▶ Widescreen, HD and 4K video supported
- ▶ Resolutions from 1280×1024 to 3840×2160
- ▶ DVI-D, VGA and DisplayPort (4K) video input formats are all supported
- ▶ On-screen menu for easy operation and adjustments
- ▶ USB touchscreen options available
- ▶ HDMI, S-Video, SD-SDI and DC power options
- ▶ Molded front panel and 2-point locking

Features and Benefits

- Select between available 17", 19" and 20" models, including many optional extras.
- The 17" 4K display drawer features a DisplayPort 1.2 video interface with resolution up to 3840×2160
- The 17" widescreen display drawer supports 1920×1080 (1080p) and the 17" high-res version supports 1920×1200.
- The display OSD allows for easy adjustments of video source, color, brightness, contrast, position. The OSD is controlled via front panel buttons.
- PIP (Picture in Picture) mode is supported on the 17" high-res (1920×1200) model when HDMI and SDI video options are installed.
- Adjustable rear sliding rails will fit different cabinet depths, including short depth cabinets of 18.1-19.7" (460-500mm)
- Quick and easy "One Man" rack mounting installation.
- Ergonomic front handle for easy slide, opening and locking

Product Overview

RackView LCD drawers have an innovative space saving design that allows them to fit conveniently into a 1U rack space. You no longer need to waste valuable rack space having old CRT or LCD monitors mounted on rack shelves. Upgrade to a new Rose ergonomically designed RackView LCD drawer and open the display only when you need to use it.

The flicker-free LCD ensures crisp images with clear definition and wide viewing angles at high resolutions. Once opened, the display can be tilted forwards or backwards and adjusted to the perfect viewing angle.

The RackView LCD drawer can be placed at any height within a standard 19" rack. The front panel conceals the unit when not in use.

RackView LCD drawer comes in several standard configurations

LCD 17" display	LCD 17" widescreen HD
LCD 19" display	LCD 17" high resolution
LCD 20" display	LCD 19" widescreen
LCD 17" 4K display	

Typical Application



Installation The RackView LCD drawer 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.

Monitor The high resolution, static free, LCD color display provides maximum clarity with resolutions from 1280×1024 to 3840×2160.

Rear panel cable connectors Standard rear panel connectors include one VGA and one DVI-D video connector with optional HDMI. A DisplayPort connector is provided on the 4K model. A 6ft (2.0m) cable is supplied that connects the video signal to your host computer or video source.

Options selection table

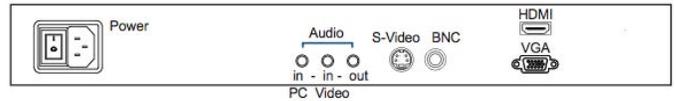
RackView LCD Options	17"	19"	17" WS	17" HD	19" WS	20"	4K
Capacitive touch	✓	✓		✓			
Resistive touch	✓	✓	✓	✓			✓
HDMI w/audio	✓	✓	✓	✓	✓	✓	✓
S-Video Composite	✓	✓			✓	✓	
3G/HD/SD-SDI			✓	✓	✓		✓
DC Power	✓	✓	✓	✓	✓	✓	✓

RackView LCD back panel

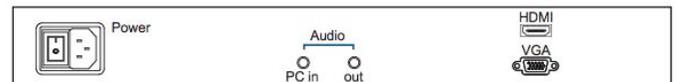
Examples of the rear panel connector options for the RackView LCD drawer



RackView LCD: DVI and VGA



RackView LCD: HDMI, S-Video, VGA and audio



RackView LCD: HDMI + audio and VGA



RackView LCD: DVI, VGA and USB touchscreen



RackView LCD: DC power connector

Part Numbers

RV1-LCDA17	17" LCD Drawer, 1280×1024
RV1-LCDA17/4K	17" LCD Drawer 4K, 3840×2160
RV1-LCDA17/DWS/HD	17" LCD Drawer/Widescreen, 1080p
RV1-LCDA17/FHD	17" LCD Drawer/Full HD, 1920×1200
RV1-LCDA19	19" LCD Drawer, 1280×1024
RV1-LCDA19/WS	19" LCD Drawer/Widescreen 1440×900
RV1-LCDA20	20" LCD Drawer, 1600×1200

RackView LCD Options	
/TSR	Resistive Touchscreen
/TSC	Capacitive Touchscreen
/HM	HDMI video with speakers
/AV	S-Video+Composite with audio
/SD	3G/HD/SD-SDI video
/nnnDC	12/24/48/125/250V DC power options
/K4	VGA Cable, 6ft (2.0m)
/K5	DVI Cable, 6ft (2.0m)
/K6	DisplayPort Cable, 6ft (2.0m)
/K7	HDMI Cable, 6ft (2.0m)

Note, when any of these RackView options are selected, the RackView chassis depth changes as follows:

RackView Model	Options	RackView chassis depth change
RV1-LCDA17/RV1-LCDA19	HDMI, USB-touchscreen, S-Video, DC power	From 19.7" to 22.4" (500 to 570mm)
RV1-LCDA17/DWS/HD	HDMI, USB touchscreen, SDI, DC power	From 18.9" to 20.9" (480 to 530mm)
RV1-LCDA17/FHD	HDMI, USB-touchscreen, SDI, DC power	From 18.9" to 20.9" (480 to 530mm)
RV1-LCDA19/WS	HDMI, S-Video, SDI, DC power	From 18.1" to 20.9" (460 to 530mm)
RV1-LCDA17/4K	HDMI, USB touchscreen, SDI, DC power	From 18.9" to 20.9" (480 to 530mm)

Specifications

RackView LCD Drawer	17" LCD	17" Wide LCD	17" HI-RES LCD	19" LCD	19" Wide LCD	20" LCD	17" 4K
Dimensions (in)	17.4×19.7×1.73	17.4×18.9×1.73	17.4×18.9×1.73	17.4×19.7×1.73	17.4×18.1×1.73	17.3×25.6×1.73	17.4×18.9×1.73
W x D x H (mm)	441.6×500×44	441.6×480×44	441.6×480×44	441.6×500×44	441.6×460×44	440×650×44	441.6×480×44
Weight	23lbs (10.5kg)	24.2lbs (11kg)	24.2lbs (11kg)	27.5lbs (12.5kg)	28.6lbs (13kg)	29.7lbs (13.5kg)	24.2lbs (11kg)
Size	17" TFT	17.3" TFT	17.1" TFT	19" TFT	19" Wide TFT	20.1" TFT	17.3" TFT
Video Connectors	DVI-D and VGA	DVI-D and VGA	DVI-D and VGA	DVI-D and VGA	DVI-D and VGA	DVI-D and VGA	DisplayPort 1.2
Video (optional)	HDMI1.2, AV	SDI, HDMI1.3	SDI, HDMI1.3	HDMI1.2, AV	SDI, HDMI1.2, AV	HDMI1.2, AV	SDI, HDMI2.0
Audio (optional)	3.5mm In/Out	3.5mm In/Out	3.5mm In/Out	3.5mm In/Out	3.5mm In/Out	3.5mm In/Out	3.5mm In/Out
Resolution	1280 × 1024	1920 × 1080p	1920 × 1200 HD	1280 × 1024	1440 × 900	1600 × 1200	3840 × 2160
Brightness (cd/m2)	250	400	210	250	300	300	400
Backlight Type	CCFL	LED	LED	LED	CCFL	CCFL	LED
Colors	16.7M	16.7M, 8 Bit	16.7M, 8-bit	16.7M	16.7M	16.7M	16.7M, 8-bit
Contrast Ratio	1000:1	600:1	600:1	1000:1	1000:1	800:1	1000:1
Viewing Angle	160° × 160°	160° × 140°	130° × 110°	170° × 160°	160° × 160°	178° × 178°	
Display Area H/V	338 × 270mm	382 × 215mm	367 × 230mm	376 × 301mm	408 × 255mm	408 × 306mm	382 × 215mm
Screen Surface	Haze 25%. Hard	Anti-glare. Hard	Anti-glare. Hard	Haze 25%. Hard	Haze 25%. Hard	Anti-glare. Hard	Anti-glare 3H
Response Time	5ms	40ms	30ms	5ms	5ms	16ms	30ms
Dot Pitch (mm)	0.264	0.1989	0.191	0.294	0.1989	0.255	0.0995
MTBF (hours)	50,000	50,000	20,000	30,000	50,000	45,000	20,000
PIP function	No	No	Yes	No	No	No	No
Touchscreen-USB	Yes (Cap or Res)	Yes (Res only)	Yes (Cap or Res)	Yes (Cap or Res)	No	No	Yes (Res only)
Video Signal	VGA (Analog 0.7Vp-p). DVI-D (TMDS single link)						
Shock / Vibration	Shock: 10G acceleration (11ms duration). Vibration: 5~500Hz 1G RMS random vibration						10~300Hz, 0.5G
Audio (option)	2 × 3.5mm with L/R Speakers. Impedance 30KΩ / 750mV. (HDMI /DisplayPort Model) Speaker Power – 2*2W						Standard
DC Power (option)	12V / 24V / 48V / 125V / 250V terminal block						
AC Power	100-240VAC, 50/60HZ						
Consumption (Watts)	Max 25 / Idle 4	Max 25 / Idle 4	Max 34 / Idle 4	Max 25 / Idle 4	Max 25 / Idle 4	Max 48 / Idle 5	Max 29 / Idle 9
Temperature	Operating Temperature: 32°F to 131°F / 0°C to 55°C Storage Temperature: -4°F to 140°F / -20°C to 60°C						
Relative Humidity	5 to 90% non-condensing						
Approvals	FCC, CE, RoHS2, Reach						

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