



1U Rackmount 19" LCD Monitor Keyboard w/ Optional PS/2, USB, DVI KVM, NEMA4 X2 & SUN Keyboard, S-Video, HD/SD-SDI, DVI, Touchscreen & Optical Bonding

Model: DHK1619

The DHK1620 is the first of its kind. You may have seen the 20.1" monitor in a 2U or 3U rack drawer configuration but never in a 1U. DIT has done it again with a 20.1" monitor with a native UXGA (1600x1200) resolution in a 1U Rack Drawer Configuration.

The DHK16XX Series is a high performance 1U LCD display drawer sporting 20.1", 19W, 19" & 17" LCD Monitors. These monitors have high contrast ratios and wide viewing angles with resolution at UXGA (1600x1200) for the 20.1" monitor, SXGA (1280x1024) for the 17" and 19" monitors and WXGA+ (1440x900) for the 19W.

The lay flat design is held open with two 30 lbs (optional 45 lbs) heavy-duty torque hinges. One can move the monitor to just about any position 90°, 110° or 130° etc by sliding the drawer in or out to the desired position. Ball bearing slides are integrated along with mounting brackets to facilitate the installation in any standard 19" rack enclosure. The drawer is held closed by keyed cam lock.

The DHK16XX Series is configured with many different Keyboard / Pointer combinations to meet almost any combination

The DHK16XX Series has been designed to allow for multiple back connection options including aRGB, DVI-D, and NTSC / Pal. Standard Finish is Black Powder Coated Lite Texture, but it can be customized to any color or logo.

### Enclosure

- Mounts in standard 19-inch rack cabinets 27" - 36" depths
- Utilizes only 1RU (1.75")
- RSI Design (Rapid Start Installation). Installation takes Less than 5 minutes!
- Rugged light weight all Aluminum construction designed to satisfy Broadcast, Industrial, Commercial and Military requirements.
- Compact enclosure for rackmount applications

### Display:

- 17, 19", 19W and 20.1" Diagonal Active Matrix TFT LCD
- Featuring Samsung & LG Technologies
- Wide viewing angles eg: 20.1" @ 89°/89°/89°/89°
- Max resolution of UXGA (1600x1200 for the 20.1", WXGA+ (1440x900) for the 19W, and SXGA (1280 x 1024 @ 60Hz) resolution for the 17" & 19" monitors.

### Video Controller:

- Standard Analog RGB input, optional DVI-D, NTSC / Pal, S-Video and CVS
- OSD (On Screen Display) Monitor Controls

### Keyboard pointing device:

- Many different Keyboard / Pointing Devices to choose from.

### Power:

- +12 VDC Operation on the 17" and 19" and +18 VDC on the 20.1"
- Low Power Consumption

### Other Features / Options:

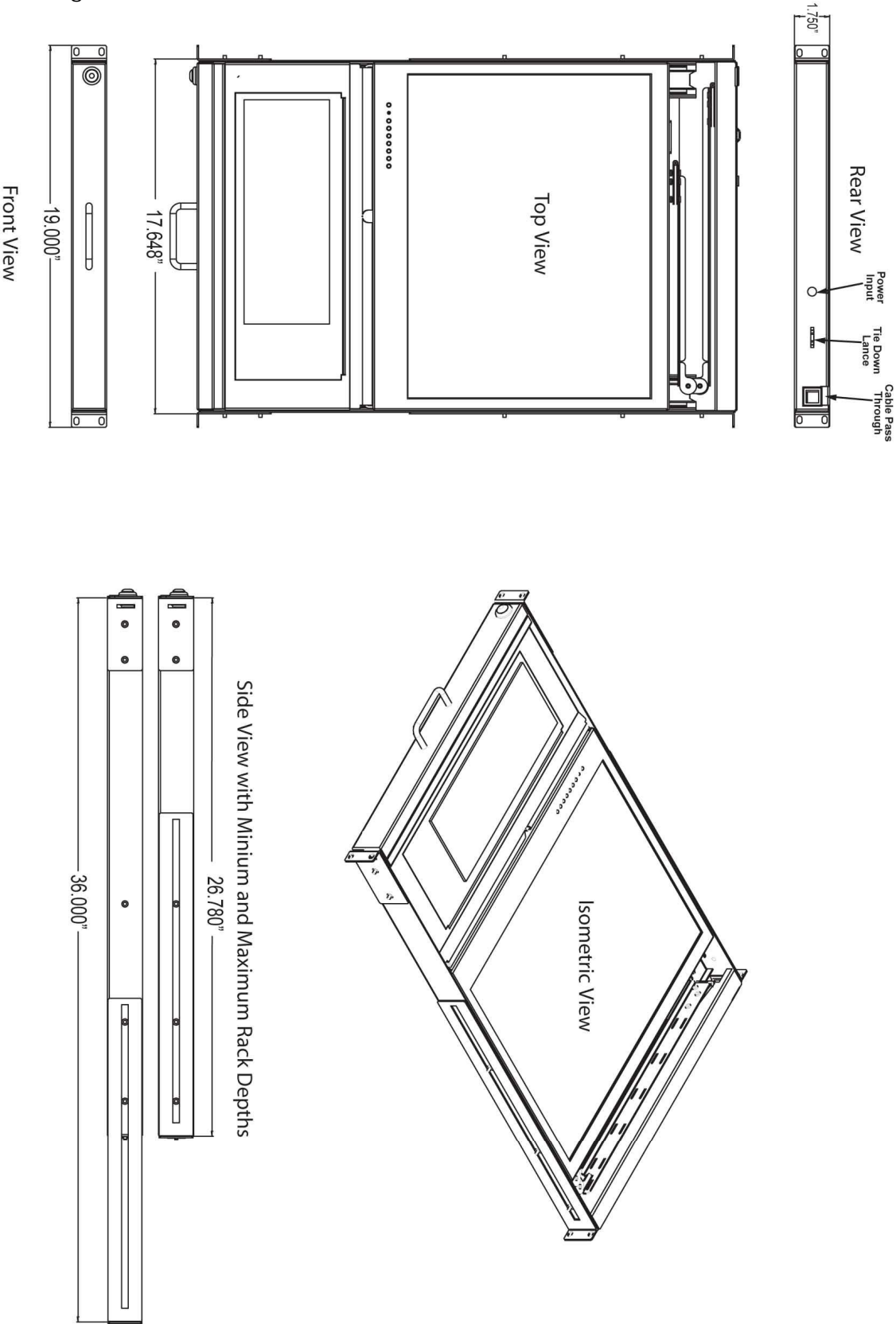
- Front Face Options (B, Ba, C, Ca, D, Da)
- Special order options include: Custom Paint and Integrated Touch
- HD/SD-SDI: (HD/SD-SDI via V03X Controller)
- Integrated KVM Switch Options,



## Technical Specifications:

	Technical Specifications				
Monitor Name:	17" Production	19" Production	19" Extended Road Map	19" Wide	20.1"
Monitor Size	17"	19"	19"	19"	20.1"
Display Type	SXGA, Color, TFT-LCD, TN, 4 CCFL Backlight,	SXGA, Color, TFT-LCD, 4 CCFL BackLight	SXGA, Color TFT, 6 CCFL Backlight, Extended Road Map	WXGA+, Color, TFT-LCD, 4 CCFL Backlight	UXGA, Color, TFT-LCD, 6 CCFL BackLight
Max Resolution/Refresh	1280x1024	1280x1024	1280x1024	1440x900	1600x1200
Aspect Ratio	4:3	4:3	4:3	16:10	4:3
Display Colors	16.78M	16.7M (RGB 8 Bit Data)	16.7M (RGB 8 Bit Data)	16.78M	16.78M
Brightness (Nits cd/m2)	300	300	300	300	300
Contrast Ratio	1000:1	1000:1 (Typ)	800:1	1000:1	800:1
Response Time (Tr/Tf)(ms)	1.3	8ms GTG (Avg. Typ)	10 ms GTG (Avg. Typ)	1.3ms Rise	8 ms GTG (Avg. Typ)
Pixel Pitch (HxW)(mm)	0.264x0.264	0.294 x 0.294	0.294x0.294	0.2835 x 0.2835	.255 x .255
Power Management	EPA Energy Star, VESA Compliance				
viewing Angle (Deg)	80/80/80/80	89/89/89/89 Typ.	88/88/88/88	80/80/80/80	89/89/89/89
MTBF (Hours)	40,000 - 50,000				
Surface Treatment	Haze 25%, Hard Coat (3H)	Hard-coating (3H), Non-Glare	Antiglare Hard Coat	Haze 25, Anti-Glare & Hard Coat (3H)	Hard-coating (3H), Non-Glare
Temperature Operating (C)	0 to +50	0 to +50	0 to +55	TBD	0 to +50 Deg C.
Temperature Storage (C)	-25 to +60	-20 to +60	-20 to +60	TBD	-20 to +60 Deg C.
Altitude Operating (Ft)	TBD	10,000	16,005	TBD	12,000
Altitude Storage (Ft)	TBD	30, 000	44,880	TBD	40, 000
Humidity Operating (%RH)	5 to 90 [%RH]	5 to 90 [%RH]	=<95%	TBD	5 to 90 [%RH]
Humidity Storage (%RH)	5 to 90 [%RH]	5 to 90 [%RH]	TBD	TBD	5 to 90 [%RH]
<u>Applicable iTech</u>	V051, V052, V053, V043, V043a, V044, V044a, V033, V034, V034a, V035, V035a				
video Connections:	Analog RGB, DVI-D, S-Video, CVS, YPbPR, HD-SDI Input, SDI Loop Out, Audio				
Keyboards:	J, Ju, A, Au, E, Eu, F, H, Hu, 1, lu				
KVM Switches:	X				
Chassis/Drawer:					
Mounting	Standard 19-inch rack				
side Rails	Pre-integrated ball-bearing Slides with cable management guides.				
Dimensions (WxHxD)	19 x 1.75 x 27-inch min. Can be installed in 27" - 36" Racks				
Monitor Hinge	Heavy-duty Torque hinges to 60 lbs				
Color	Powder Coated black, medium texture paint. Custom colors and logos available as special order				
Weight(lbs)	27				
shipping Box (DWD / DWI)	DWD 28				

Dimensional Drawings



All dimensions are in inches.