

# DHK Series

## 1U Clamshell Versatile Rack Drawer for Customization

1U Clamshell (1.75") 17" Samsung 1280x1024 (SXGA) Design with a 20" Frame. It is a versatile rack drawer for customization. Many KVM Backs will Fit, Better Cable Management

Model: DHK1417S



### 1U Monitor / Keyboard Drawer with optional KVM

The DHK1415 and DHK1417 Series is a high performance 1U LCD display drawer sporting 15", 17" & 17W LCD Monitors. These monitors have high contrast ratios and wide viewing angles with resolutions at WXGA (1440 x 900) for 17W, SXGA (1280X1024) for the 17" monitors, and XGA (1024x768) for the 15" monitor. The display is stowed flat above the keyboard and tilts up for use.

The Clam Shell design is held open with two 30 lbs heavy-duty Torque hinges with a maximum opening of 96 Degs from closed. 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 DHK1415 and DHK1417 Series is configured with many different Keyboard / Pointer combinations to meet almost any combination (See the Integrated Keyboard Reference Guide).

### Features

#### Enclosure:

- Mounts in standard 19-inch rack cabinets 20 - 36 inch depths.
- Utilizes only 1U (1.75") RSI Design (Rapid Start Installation). Less than 5 minutes!
- Rugged all Aluminum light weight construction designed to satisfy Broadcast, Industrial, Commercial and Military requirements.
- Compact enclosure for rackmount and desktop applications.

#### Display:

- 15 - 17" Diagonal Active Matrix TFT LCD (See RD1U CA20XX Specs Data Sheet)
- Featuring Samsung & LG technologies
- Large viewing area
- Max resolutions to WXGA (1440 x 900) for 17W, SXGA (1280 x 1024 @ 60Hz) for 17", and XGA (1024x768) for 15".

#### Video Controller:

- Standard Analog RGB input (See V05X Controller in the Video Controller Ref Guide)
- OSD (On Screen Display) Monitor Controls

#### Keyboard / Pointing Device:

- Many different Keyboard / Pointing Devices to choose from.

#### Power:

- +12 VDC Operation
- Low Power Consumption

#### Other Features / Options:

- Integrated KVM Switch Options
- Front Face Options (B, Ba, C, Ca, D, Da) (A is available on Custom Orders) See Front Face Data Sheet
- Special order options include: Custom Paint and Integrated Touch



## Specifications

Technical Specifications		
Model	DHK1415N	DHK1415NT
Monitor Size	15"	15"
Display Type	XGA, Color, TFT-LCD, 2 CCFL Back Light, Extended road Map	XGA, Color, TFT-LCD, 4 CCFL Back Light, Extended road Map, Transflective, High Bright
Max Resolution/Refresh	1024x768	1024x768
Aspect Ratio	4:3	4:3
Display Colors	16.78M	
Brightness (Nits cd/m2)	250	600
Contrast Ratio	500:1	600:1
Response Time (Tr/Tf)(ms)	18	18
Pixel Pitch (HxW)(mm)	0.297x.0297	0.297 x 0.297
Power Management	EPA energy star, VESA compliance	
Viewing Angle (Deg)	80L/80R/8	80L/80R/80D/60U
MTBF	30,000 - 50,000 hours	
Surface Treatment	AntiGlare Hard Coat (3H)	Clear + Antireflection (2H)
Temperature Operating (C)	-20 to +70	-10 to +70
Temperature Storage (C)	-20 to +80	-20 to +80
Altitude Operating (Ft)	16,005	TBD
Altitude Storage (Ft)	44,880	TBD
Humidity Operating (%RH)	=<95	=<95
Humidity Storage (%RH)		
Applicable Controllers	V051, V052, V053	
Video Connections:	Analog RGB	
Keyboards:	A, B, D, E, G, H, I, J, M	
KVM Switches	A, B, C, D, E, G, H, K, V	
Chassis/ Drawer		
Mounting	Standard 19-inch rack	
Slide Rails	Pre-integrated / installed with cable management guides for 20 inch depth; standard ball-bearing	
Dimensions (WxHxD)	19 x 1.75 x 20-inch min. Can be installed in 20" - 36" Racks	
Monitor Hinge	Heavy-duty Torque hinges to 60 lbs	
Color	Black Powder coated with light texture (Custom colors available)	
Weight (lbs)	18/27	
Shipping Box (DWD / D WI)	DWD 23 / DWI 27	

## Specifications

Technical Specifications			
Model	DHK1417S	DHK1417SUT	DHK14171W
Monitor Size	17"	17"	17.1"
Display Type	SXGA, Color, TFT-LCD, TN, 4 CCFL Backlight,	SXGA, Color, TFT-LCD, PVA, 4 CCFL Backlight, Ultra Thin	WXGA+, Color TFT-LCD, 2 CCFL Backlights
Max Resolution/Refresh	1280x1024	1280x1024	1440x900
Aspect Ratio	4:3	4:3	16:10
Display Colors	16.78M		
Brightness (Nits cd/m2)	300	250	250
Contrast Ratio	1000:1	600:1	800:1
Response Time (Tr/Tf)(ms)	1.3	10	2R, 6D
Pixel Pitch (HxW)(mm)	0.264 x 0.264	0.264 x 0.264	0.255 x 0.255
Power Management	EPA energy star, VESA compliance		
Viewing Angle (Deg)	80	89/89/89/89	80/80/80/80
MTBF	30,000 - 50,000 hours		
Surface Treatment	Haze 25%, Hard Coat (3H)	Haze 44%, Hard Coat (3H)	Hard-coating (3H), Non-Glare
Temperature Operating (C)	0 to +50	0 to +50	0 to +50
Temperature Storage (C)	-25 to +60	-25 to +60	-25 to +60
Altitude Operating (Ft)	TBD	0 ~10,000	0 ~10,000
Altitude Storage (Ft)	TBD	0~40,000	0~40,000
Humidity Operating (%RH)	5 to 90	10 to 90	10 to 90
Humidity Storage (%RH)	5 to 90	10 to 90	10 to 90
Applicable Controllers:	V051, V052, V053		
Video Connections:	Analog RGB		
Keyboards	A, B, D, E, G, H, I, J, M		
KVM Switches	A, B, C, D, E, G, H, K, V		
Chassis/ Drawer:			
Mounting	Standard 19-inch rack		
Slide Rails	Pre-integrated / installed with cable management guides for 20 inch depth; standard ball-bearing		
Dimensions (WxHxD)	19 20-inch min. Can be - 36" Racks		
Monitor Hinge	Heavy-duty Torque hinges to 60 lbs		
Color	Black Powder coated with light texture (Custom colors available)		
Weight (lbs)	18/27		
Shipping Box (DWD / D WI)	DWD 23 / DWI 27		