

# DHS Series

## 1U Versatile Rack Drawer for Customization

1U Clamshell (1.75") 15" NEC 1024x768 (SXGA). Design with a 17" Frame. It is a versatile rack drawer for customization. Many KVM Backs will Fit, Better Cable Management



Model: DHS115N

### Options:

- (Ju)SP7T Optical Trackball Key Board (USB)

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

The DHS115 and DHS117 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 DHS115 and DHS117 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 or Transit Case with only 17 inches in depth with telescoping Rear arms extending to 36 inch. Optional scoping Rear arms extending to 36 inch. Optional
- Utilizes only 1U (1.75")
- RSI Design (Rapid Start Installation). Less than 5 minutes!
- Rugged Light Weight all Aluminum construction Designed for Military requirements.
- Compact Enclosure for Rackmount and Transit Case applications

#### Display:

- 15"-17" Diagonal Active Matrix TFT LCD
- Featuring Samsung & LG Technologies
- Optically Bonded Daylight Readable
- Water tight Nema 4 Sealed monitor
- Water tight Large OSD Buttons
- Large Viewing Area
- Max Resolutions to WSXGA 1280x800 (DHS1153W) (DHS1153WHB)
- Max Resolutions to SXGA 1024x768 (DHS115HB) (DHS115N)
- Max Resolutions to SXGA 1280 x 1024 (DHS117S) (DHS117SUT) (DHS117HB)

#### Video Controller:

- Standard Analog RGB input
- OSD (On Screen Display) Monitor Controls

#### Keyboard / Pointing Device:

- NEMA4 Backlit Keyboard with integrated Pressure sensitive Pointing device.

#### Power:

- +12 VDC Operation Power Connector
- Low power consumption

#### Other Features / Options:

- Optional Handle and Locking devices
- Special order options include: Custom Paint and Integrated Touch



## Specifications

Technical Specifications	
Model	DHS115N
Monitor Size	15"
Display Type	XGA, Color, TFT-LCD, 2 CCFL Back Light, Extended road Map
Max Resolution/Refresh	1024x768
Aspect Ratio	4:3
Display Colors	16.78M
Brightness (Nits cd/m2)	250
Contrast Ratio	500:1
Response Time (Tr/Tf)(ms)	18
Pixel Pitch (HxW)(mm)	0.297x.0297
Power Management	EPA energy star, VESA compliance
Viewing Angle (Deg)	80L/80R/80D/60U
MTBF	30,000 - 50,000 hours
Surface Treatment	AntiGlare Hard Coat (3H)
Temperature Operating (C)	-20 to +70
Temperature Storage (C)	-20 to +80
Altitude Operating (Ft)	16,005
Altitude Storage (Ft)	44,880
Humidity Operating (%RH)	= <95
Humidity Storage (%RH)	
Applicable DIT Controllers:	V051, V052, V053
Video Connections:	aRGB(VGA), DVI, S-Video, CVS
Keyboards:	J, Ju, A, Au, B,Bu, D, Du, E, EU, G, Gu, H, Hu, I, lu, M
KVM Switches	X
Chassis/ Drawer:	
Mounting	Standard 19-inch rack
Slide Rails	Pre-integrated ball-bearing Slides with cable management guides.
Dimensions (WxHxD)	19 x 1.75 x 17-inch min. Can be installed in 17" - 36" Racks
Monitor Hinge	Heavy-duty Torque hinges to 60 lbs
Color	Black Powder coated with light texture (Custom colors available)
Weight (lbs)	TBD
Shipping Box (DWD / DWI)	TBD

Technical Specifications		
Model	DHS117S	DHS117SUT
Monitor Size	17"	17"
Display Type	SXGA, Color, TFT-LCD, TN, 4 CCFL Backlight,	SXGA, Color, TFT-LCD, PVA, 4 CCFL Backlight, Ultra Thin for Touch
Max Resolution/Refresh	1280x1024	1280x1024
Aspect Ratio	4:3	4:3
Display Colors	16.78M	16.78M
Brightness (Nits cd/m2)	300	250]
Contrast Ratio	1000:1	600:1
Response Time (Tr/Tf)(ms)	1.3	10
Pixel Pitch (HxW)(mm)	0.264 x 0.264	0.264 x 0.264
Power Management	EPA energy star, VESA compliance	
Viewing Angle (Deg)	0/80/80/80	89/89/89/89
MTBF	30,000 - 50,000 hours	
Surface Treatment	Haze 25%, Hard Coat (3H)	Haze 44%, Hard Coat (3H)
Temperature Operating (C)	0 to +50	0 to +50
Temperature Storage (C)	-25 to +60	-25 to +60
Altitude Operating (Ft)	TBD	0 - 10,000
Altitude Storage (Ft)	TBD	0-40,000
Humidity Operating (%RH)	5 to 90	10 to 90
Humidity Storage (%RH)	5 to 90	10 to 90
Applicable Controllers:	V051, V052, V053	
Video Connections	aRGB(VGA), DVI, S-Video, CVS	
Keyboards:	J, Ju, A, Au, B,Bu, D, Du, E, EU, G, Gu, H, Hu, I, lu, M	
KVM Switches	X	
Chassis/ Drawer:		
Mounting	Standard 19-inch rack	
Slide Rails	Pre-integrated ball-bearing Slides with cable management guides.	
Dimensions (WxHxD)	19 x 1.75 x 17-inch min. Can be installed in 17" - 36" Racks	
Monitor Hinge	Heavy-duty Torque hinges to 60 lbs	
Color	Black Powder coated with light texture (Custom colors available)	
Weight (lbs)	TBD	
Shipping Box (DWD / D WI)	TBD	