DHK Series

1U Lay Flat 1.75"
All Aluminum with 27" Frame
Better cable management

1U Lay flat (1.75″) 19" Wide LG 1440x900 (WSXGA). All Aluminum with a 27" Frame. It has no KVM Support, Better Cable Management.

Model: DHK1619W

1U Monitor / Keyboard Drawer

The DHK16201 is the frst of it's kind. You may have seen the 20.1″ monitor in a 2U or 3U rack drawer confguration but never in a 1U. iTechLCD has done it again with a 20.1″ monitor with a native UXGA (1600x1200) resolution in a 1U Rack Drawer Confguration.

The DHK1617, DHK1619 and DHK1620 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 fat design is held open with two 30 lbs (optional 45 lbs) heavy-duty torque hinges. One can move the monitor to just about any positon 90º, 110º or 130º 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 DHK1617, DHK1619 and DHK1620 Series is confgured with many different Keyboard / Pointer combinations to meet almost any combination (See the Integrated Keyboard Reference Guide).

The DHK1617, DHK1619 and DHK1620 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.

Features

Enclosure:
• Mounts in standard 19-inch rack cabinets 27 - 36 inch depths.
• Utilizes only 1U (1.75″)
• RSI Design (Rapid Start Installation). 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″@ 89º/89º/89º/89º
• 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. (See RD1U F27XX Specs Data Sheet)

Video Controller:
• Standard Analog RGB input, optional DVI-D, NTSC/ Pal, S-Video and CVS. (See V05X, V04X & V03X Controllers 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 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) (A is available on Custom Orders) See Front Face Data Sheet
• HD/SD-SDI: (HD/SD-SDI via V03X Controller)
• Special order options include: Custom Paint and
• Integrated Touch, Integrated KVM Switch Options

Specifications

	Technical Specifications		
Model	DHK1617S	DHK1619A	DHK1619N
Monitor Size	17"	19"	19"
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
Max Resolution/Refresh	1280x1024	1280x1024	1280x1024
Aspect Ratio	4:3	4:3	4:3
Display Colors	16.78M	16.7M (RGB 8 Bit Data)	16.7M (RGB 8 Bit Data)
Brightness (Nits cd/m2)	300	300	300
Contrast Ratio	1000:1	1000:1 (Typ)	800:1
Response Time (Tr/Tf) (ms)	1.3	8ms GTG (Avg. Typ)	10 ms GTG (Avg. Typ)
Pixel Pitch (HxW) (mm)	0.264x0.264	0.294 x 0.294	0.294x0.294
Power Management	EPA Energy Star, VESA Compliance		
viewing Angle (Deg)	80/80/80/80	89/89/89/89 Typ.	88/88/88/88
MTBF (Hours)	40,000 - 50,000		
Surface Treatment	Haze 25%, Hard Coat (3H)	Hard-coating (3H), Non-Glare	Antiglare Hard Coat
Temperature Operating (C)	0 to +50	0 to +50	0 to +55
Temperature Storage (C)	-25 to +60	-20 to +60	-20 to +60
Altitude Operating (Ft)	TBD	10,000	16,005
Altitude Storage (Ft)	TBD	30, 000	44,880
Humidity Operating (%RH)	5 to 90 [%RH]	5 to 90 [%RH]	=<95%
Humidity Storage (%RH)	5 to 90 [%RH]	5 to 90 [%RH]	TBD
Applicable Controllers	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		
Mounting	Standard 19-inch rack		
siide 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		
shipping Box (DWD / D WI)	DWD 28		

Specifications

	Technical Specifications	
Model	DHK1619W	DHK16201
Monitor Size	19"	20.1"
Display Type	WXGA+, Color, TFT-LCD, 4 CCFL Backlight	UXGA, Color, TFT-LCD, 6 CCFL BackLight
Max Resolution/Refresh	1440x900	1600x1200
Aspect Ratio	16:10	4:3
Display Colors	16.78M	16.78M
Brightness (Nits cd/m2)	300	300
Contrast Ratio	1000:1	800:1
Response Time (Tr/Tf) (ms)	1.3ms Rise	8 ms GTG (Avg. Typ)
Pixel Pitch (HxW) (mm)	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
MTBF (Hours)	40,000 - 50,000	
Surface Treatment	Haze 25, Anti-Glare & Hard Coat (3H)	Hard-coating (3H), Non-Glare
Temperature Operating (C)	TBD	0 to +50 Deg C.
Temperature Storage (C)	TBD	-20 to +60 Deg C.
Altitude Operating (Ft)	TBD	12,000
Altitude Storage (Ft)	TBD	40, 000
Humidity Operating (%RH)	TBD	5 to 90 [%RH]
Humidity Storage (%RH)	TBD	5 to 90 [%RH]
Applicable Controllers	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, Iu	
KVM Switches	X	
Mounting	Standard 19-inch rack	
siide 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	
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