

DHL Series

1U Lay Flat 1.75"

All Aluminum with a 32" Frame

Better cable management

1U Lay flat (1.75") 19" Wide LG 1440x900 (WSXGA). All Aluminum with a 32" Frame. It has good KVM Support, Better Cable Management.



Model: DHL1619W

1U Monitor / Keyboard Drawer

The DHL16201 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. iTech has done it again with a 20.1" monitor with a native UXGA (1600x1200) resolution in a 1U Rack Drawer Configuration.

The DHL1617, DHL1619 and DHL1620 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 DHL1617, DHL1619 and DHL1620 Series is configured with many different Keyboard / Pointer combinations to meet almost any combination (See the Integrated Keyboard Reference Guide).

The DHL1617, DHL1619 and DHL1620 Series has been designed to allow for multiple back connection options including aRGB, DVI-D, and NTSC/Pal. (See Integrated Back / KVMs Reference Guide)

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" @ 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. (See RD1U F32XX 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. (See Integrated Keyboard Reference Guide)

Power:

- +12 VDC Operation on the 17" and 19" and +18 VDC on the 20.1"
- 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
- HD/SD-SDI: (HD/SD-SDI via V03X Controller)
- Special order options include: Integrated Touch,



Specifications

| | Technical Specifications | | |
|---------------------------|---|--|--|
| Model | DHL1617S | DHL1619A | DHL1619N |
| 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) | 0.264 x 0.264 | 0.294 x 0.294 | 0.294 x 0.294 |
| 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 | A, B, C, D, E, F, G, H, 1, J, K, L, M, V, Z01, Z02 | | |
| 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 32 inch min. Can be installed in 32" - 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) | 28 | | |
| Shipping Box (DWD / D WI) | DWD 28 | | |

Specifications

| | Technical Specifications | |
|---------------------------|---|--|
| Model | DHL1619W | DHL16201 |
| 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, lu | |
| KVM Switches | A, B, C, D, E, F, G, H, 1, J, K, L, M, V, Z01, Z02 | |
| 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 32 inch min. Can be installed in 32" - 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) | 28 | |
| Shipping Box (DWD / D WI) | DWD 28 | |