



Series

# PDD2

(Pivot Display Drawer 2)

1U Fold Away Monitor



## 1U Flexible / Pivot Monitor Drawer

The PDD2 Series is an high performance 1U LCD display drawer sporting 15", 17", and 19" LCD Monitors. These monitors have high contrast ratios and wide viewing angles with resolutions at SXGA (1280X1024) for the 17" & 19" monitors, and XGA (1024x768) for the 15" monitors.

The unique design of the PDD (Pivot Display Drawer) is just that, It pivots. The drawer starts out laying flat and put away in it's 1U Drawer. When needed the monitor slides out and the display portion of the monitor rotates up. You can adjust the monitor in almost any position from 0 to 125 Degrees. The Heavy-Duty Torque hinge holds it in place.

Integrated slides along with adjustable mounting brackets allow installation in any standard 19" Rack enclosure. The drawer is held closed with a keyed cam lock.

The 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 20 - 36 inch depths.
- Utilizes only 1U (1.75")
- RSI Design (Rapid Start Installation). Less than 5 minutes!
- Rugged all metal construction designed to satisfy Industrial and Military requirements
- Compact enclosure for rackmount applications

#### Display:

- 15, 17 & 19" Diagonal Active Matrix TFT LCD Displays available.
- Featuring Samsung and LG technology
- Large viewing area
- Max Resolutions to SXGA (1280 x 1024 @ 60Hz) Resolution (17" and 19"), and XGA (1024x768) for 15"

#### Video Controller:

- Standard Analog RGB, with optional (DVI-D, S-Video, and CVS inputs)
- OSD (On Screen Display) Monitor Controls

#### Power:

- +12 VDC Operation
- Low Power Consumption

#### Other Features / Options:

- Optional Capacitive and Resistive Touch (Serial & USB) on certain models.

Please feel free to consult with a Sales Engineer for additional information or visit our web site.



### Display Integration Technologies

1330 Specialty Dr, Suite A  
Vista, CA, 92081  
Phone 760.599.9225  
Fax 760.454.0328

www.DITHD.COM  
Sales@DITHD.com





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**TECHNICAL SPECIFICATIONS**

<b><u>Monitor:</u></b>			
Display Type	TFT active matrix SXGA LCD with antiglare hard coat		
Monitor Size	15"	17"	19"
Max Resolution / Refresh	XGA (1024 x 768)	SXGA (1280 x 1024)	SXGA (1280 x 1024)
Display Colors	16.7 MILLION		
Brightness (Nits cd / m2)	250	300	300
Contrast Ratio	500:1	1000:1	1000:1
Response Time (ms)	18	1.3	20
On Screen Adjustment	Contrast, Brightness, Autosetting, Clock / Phase, Horizontal & Vertical Position / Expansion / OSD, Text & Graph Mode Selection, Color Temp, Recall		
Pixel Pitch (H x W) (mm)	0.297x0.297	0.264x0.264	0.294x0.294
Power Management	EPA Energy Star, VESA Compliance		
Video Inputs	Analog RGB,	Analog RGB, optional DVI-D, S-Video & CVS	Analog RGB, DVI-D, S-Vid- eo & CVS
Viewing Angle (Deg)	80/80/80/60	80/80//80/80	89/89/89/89
Display Modes	17	12	12
MTBF	30,000 - 50,000 hours		
Monitor Control Type	Digital microprocessor OSD control		

<b><u>Chassis / Drawer:</u></b>	
Mounting	Standard 19-inch rack
Slide Rails	Pre-integrated / installed with cable management guides for 20 inch depth; standard non ball-bearing slide
Dimensions (W x H x D)	19 x 1.75 x 20-inch min. Can be installed in 20" - 36" Racks
Monitor Hinge	Heavy-duty Torque hinge to 60 lbs in XY
Color	Powder Coated black, medium texture paint. Custom colors and logos available as special order

<b><u>Misc</u></b>		
Temperature	Operating: 0 to 50 Deg C	Storage -25 to 60 Deg C
Humidity	Operating: 20 - 95% RH Non Condensing.	Storage 5 - 95% RH Non Condensing
Altitude	Operating: 10,000 feet	24,000 feet
Weight	Actual Wt. 32 lbs	Shipping Wt. 37 lbs
Shipping Box 23" x 6" x 33"	DWD 23	DWI 27



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## DIMENSIONAL DRAWINGS

