



## Model d150LDB



### 15" Day Bright Analog and DVI LCD Video Monitor

- Ultra-Bright Direct Sunshine Display, All HDTV formats (720/1080, i/p/sF)
- Internal Light Source: Hi-Efficiency LED, Low Power/Cool Running
- Digital inputs: DVI Input
- Analog Inputs: Composite, Y/C [S-Video], PC-VGA, YPbPr/YcrCb
- All 10-bit Digital Processing, 16.7 million true colors, 24 bit
- Aspect Ratios: 16:9, 4:3, 1.85 to 1, etc.
- Fully Adjustable Scans: H and V sizes, Position, **Scan Reverse**
- Digital Adaptive Comb Filters

### SPECIFICATIONS

Active Area (diagonal):	15.0" / 38.2 cm (diagonal)
<b>MODES</b>	
High and Standard Definition Video Modes:	480/576/720/1080 @ 23/24/25/29/30/60 i/p/sF Digital and Analog (autoselected), VESA VGA & DVI
PC Video Modes:	EGA, VGA, SVGA, XGA, WXGA, SXGA, WSXGA, UXGA, WUXGA
Standard Definition Video Modes:	NTSC/PAL/SECAM, NTSC4.43/ PAL-M (autoselected)
Scanning Modes:	Under/Over Scanning, <b>H/V Scan Reverse (mirror)</b>
<b>INPUTS</b>	
Digital Video Inputs:	DVI
DVI Digital Video Inputs:	Digital Visual Interface, Single-Link, VESA & SMPTE Rates (Up to 1920 x 1080p)
Analog Video Inputs:	Composite, Y/C, PC VGA (EIA, CCIR, VESA, SMPTE 274)
<b>PICTURE</b>	
Aspect Ratios, Presets, including:	16:9, 4:3, Letterbox, and (de-) Anamorphic, Fixed and Variable Aspect Ratio Images
Picture-in-Picture:	Variable position window; inserts a video source into window over PC or HD image. Window is size and position adjustable.
Picture-by-Picture:	Side by Side split screen display
Pixel (RGB Trio) Arrangement:	1024 x 768 RGB Vertical Stripe (786,432 RGB Pixels. 1 pixel=R+G+B)
Pixel (RGB Trio) Pitch:	0.297w x 0.297v mm
Brightness, typical, 0°:	1500 nts (cd/m <sup>2</sup> ) (Ultra-High Brightness; 100:1 dimmer)
Dimming:	Menu Control, 100% to 1% (front panel knob is no-cost option)
Contrast Ratio, 0°:	700:1 (high contrast)
Color Bit Depth:	16.7 million colors (10-bit Digital Processing), Rec 709 Primaries, D65 White
Viewing Angle, contrast>10:1:	H: ±70°, V: ±70° (wide angle)
Response Time (blk>wht):	2.3 ms (high speed)
Latency:	1 Frame
Standard Definition Video Resolution:	450 TVL
<b>CONTROLS</b>	
User Controls:	On/Off, Menu System: Step, Increment, Decrement, Hot Keys, Dimmer
Remote Control:	InfraRed (IR) and RS-232 (bi-direx)
<b>LIGHT</b>	
Light Source (standard):	128 White LEDs, Built-in Menu Color Temperature Adjustment
Lamp Life:	50,000+ Hrs
<b>CONNECTORS</b>	
Video Connectors:	BNCx6: (SDI in (2) and Regen outputs (2), Composite in/out (2), (Hi-Z passive loop-thru / auto-termination)
S-Video (Y/C) Connector:	4-pin Mini-DIN
DVI Connectors:	Standard Rectangular Single-Link DVI-D, Up to 1920 by 1080p (no HDMI support)
VGA/PC and Component Connector:	DE-15HD-F (detachable 10' M/M cord) (YPbPr/YCrCb in (supported on VGA connector)
Audio Connectors (optional):	3.5mm Stereo, Input and Output (1 watt x 2 for external amplifier/speakers)
<b>POWER</b>	
DC Power:	12 volts (11.0-13.0 v), 30 watts (high bright, dimmer on High)
DC Connector:	XLR4-F (locking) (pin 1=gnd, 4=+volts)
AC Power (detached power supply included):	90-264 VAC, 50/60 Hz, 38 watts max
AC Power Connector:	IEC 390-C14 3 pin Male (universal)
<b>DISPLAY</b>	
Window (Display Area):	12.01" x 9"
Cabinet Dimensions:	13.43 x 11.048 x 1.745
Weight:	6.2 lbs / 2.8 kg (without stand, power supply, or rackmount)
Mounting Points:	VESA 75 (M4) and 10-32x4 (corners) on backside for Rackmount, Wall & Desk Mounts
Operating (full spec):	-0 ~ +65°C @ 0-95% RH
Storage:	-20 ~ +65°C Storage
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum
Options:	Rackmount (7 RU), Deskstand, Yoke/C-Stand, Touchscreens (SAW, Capacitive), 9-36 volts Power
Approvals:	RoHS (Pb) Compliant Product