



## Model HD8LDB-F



### 8.4" DayBright HD & SD SDI Digital, Analog LCD Video Monitor

- Ultra-Brite Direct Sunshine Display, All HDTV formats (720/1080, i/p/sF)
- LED Backlight for cool running but with very low power consumption
- Built-in Adjustable Frame Markers and Transparency for framing in 16:9 & 4:3
- Analog inputs include: Composite, PC-VGA, and YPbPr/YCrCb
- Modes: EGA to WUXGA, NTSC/PAL/SECAM/NTSC4.43/PAL-M
- All12-bit Digital Processing, 16.7 million true colors, 24 bit
- Aspect Ratios: 16:9, 4:3, 1.85 to 1, etc.; Digital Adaptive Comb Filters
- All Aluminum Case with Bonded, Anti-reflective, High-impact Screen Glass

<b>SPECIFICATIONS</b>	
Active Area (Diagonal):	8.4" / 213 mm
<b>MODES</b>	
High & Standard Definition Video Modes:	1080/720/576/480 @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)
<b>INPUTS</b>	
Digital Video Inputs (DHD model):	HD SDI, SD SDI (SMPTE 259M/292/296)
Analog Video Inputs (both models):	Composite, Y/C, YPbPr/CrCb, 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/Picture-by-Picture:	Window is size and position adjustable
Picture-by-Picture:	Side by Side split screen display
Pixel (RGB Trio) Arrangement:	1024 x 768 RGB (480,000 x3 RGB pixels)
Pixel (RGB Trio) Pitch, Depth:	0.1665(H) x 0.1665(V) mm
Brightness, typical, 0°:	1500 nts (cd/m <sup>2</sup> ) (hi-brite)
Dimming:	Front panel control, 100 to 3%
Contrast Ratio, 0°:	400:1 (high contrast)
Color Bit Depth:	16.7 million colors (12-bit Digital Processing)
Viewing Angle, contrast>10:1 :	H: 170°, V: 170° (wide angles)
Response Time (blk>wht, wht>blk):	25/10 ms
Standard Definition Video Resolution:	450 TVL
<b>CONTROLS</b>	
User Controls:	On/Off, Menu System: Step, Increment, Decrement, Hot Keys, Input Select, Dim Step
<b>LIGHT</b>	
Light Source (standard):	64 White LEDs
Lamp Life:	50,000+ Hours (factory replaceable)
<b>CONNECTORS</b>	
Video Connectors:	BNCx7: (2xSDI in/out(4), YPbPr/YCrCb(3), 2xComposite in/out(4 Hi-Z <i>passive</i> loop-thru/auto-termination)
VGA/PC Connector:	DE-15HD-F (detachable 10' M/M cord)
<b>POWER</b>	
DC Power:	12 VDC (9.0~18.0), 24 watts (very low power) (9-36v input is optional)
DC Connector:	XLR4-M (pin 1=gnd, pin 4=plus volts)
AC Power (detached power supply included):	90-264 VAC, 50/60 Hz, 30 watts (worldwide power)
AC Power Connector:	IEC 390-C14 3 pin Male (universal)
<b>DISPLAY</b>	
Window (Display Area):	6.71 x 5.03" / 170 x 128 mm
Cabinet Dimensions:	8.20" x 6.96" x 2.98" / 208 x 177 x 76 mm
Weight:	3.8 lbs / 1.8 kg, (without stand, power supply, or rackmount)
Mounting / Rackmounting:	<sup>1</sup> / <sub>4</sub> -20 Top & Bottom, VESA 75 & 100 (10-32 x 8, backside) Options: 19" RM (4 RU), also desk, wall, yoke, cam rail, etc.
Operating (full spec):	-30 ~ +85°C @ 10-90% RH, no condensation, 10,000 ft. / 3000 m
Storage:	-30 ~ +85°C @ 10-90% RH, no condensation, 40,000 ft. / 12000 m
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum, Anti-reflecting Glass cover
Approvals:	RoHS (Pb) Compliant Product

Specifications are subject to change without notice. Feb 2011