



Model HD10LDB

10.4 " HD & SD SDI Digital, Analog, & DVI



- High & Standard Definition Video LED Backlit Monitor 1080/720/576/480
- HD is HD/SD SDI-Digital (SMPTE 259M, 292, 296), Analog & DVI Inputs
- DVI is Analog (Composite Y/C, VGA, HDMI, YPbPr/YcrCb) & DVI Inputs
- LED Backlight System for Low Power and Stable Operation
- Modes: EGA to WUXGA, NTSC/PAL/SECAM/NTSC4.43/PAL-M
- All 10-bit Digital Processing, 16.7 million true colors, 24 bit
- Aspect Ratio: 16:9, 4:3, 1.85 to 1, etc.
- Fully Adjustable Scans: H & V sizes, Position, Safearea Frame Markers
- High Resolution 1024 x 768, 176° Wide View Angles

SPECIFICATIONS

Active Area (Diagonal):	10.4" / 264 mm
MODES	
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)
Scanning Modes:	Under/Over Scanning
INPUTS	
Digital Video Inputs:	HD SDI, SD SDI (SMPTE 259M/292/296), DVI
DVI Digital Video Inputs:	Digital Visual Interface, Single-Link, VESA & SMPTE Rates.
Analog Video Inputs:	Composite, Y/C, YPbPr/CrCb, PC VGA (EIA, CCIR, VESA, SMPTE 274)
PICTURE	
Aspect Ratios:	16:9, 4:3, Letterbox, and (de-) Anamorphic, Fixed and Variable Aspect Ratio Images
Picture-in-Picture :	Inserts a source into window over second image source. Window is size and position adjustable.
Picture-by-Picture:	Side by Side split screen display
Pixel (RGB Trio) Arrangement:	1024 x 768 RGB (786,432 RGB pixels)
Pixel (RGB Trio) Pitch, Depth:	0.0685h x 0.2055v mm
Brightness, typical, 0°:	1200 nts (cd/m ²)
Contrast Ratio, 0°:	1200:1 (high contrast)
Color Bit Depth:	16.7 million colors (10-bit Digital Processing)
Viewing Angle, contrast>10:1 :	176° H, 176° V (wide angles)
Response Time:	11 ms (high speed decay)
Standard Definition Video Resolution:	450 TVL
CONTROLS	
User Controls:	On/Off, Menu System: Step, Increment, Decrement, Hot Keys
Remote Controls:	InfraRed (IR) and RS-232 (bi-direx)
LIGHT	
Light Source (standard):	White Solid State LEDs
Native Color Temperature:	D65 (0.313, 0.329) Color Temperature Presets are Menu adjustable
Lamp Life:	30,000+ Hours
CONNECTORS	
Video Connectors:	BNCx8: (SDI in (1) and Regen outputs (2) [DHD only], YPbPr/YcrCb in (3), Composite in/out (2: Hi-Z passive loop-thru / auto-termination); (for opt 17: BNCx2)
S-Video (Y/C) Connector:	4-pin Mini-DIN (replaced when SD SDI)
DVI Connectors:	Up to 920 by 1080P (no HDMI support)
VGA/PC Connector:	DE-15HD-F (detachable 10' M/M cord)
Audio Connectors (optional):	3.5mm Stereo, Input and Output (1 watt x 2 for external amplifier/speakers)
POWER	
DC Power:	12 Vdc (11.4-14.4 V), 30 watts (low power)
DC Connector:	XLR4-M (Locking; pin 1: gnd, pin 4: plus volts)
AC Power (detached power supply included):	90-264 VAC, 50/60 Hz, 40 watts (worldwide power)
AC Power Connector:	IEC 320-C14 3 pin Male (universal)
DISPLAY	
Window (Display Area):	8.285 x 6.214" / 210.4 x 157.8 mm
Cabinet Dimensions:	9.95 x 7.90 x 2.70" / 253 x 201 x 69 mm (whd)
Weight:	3 lbs / 1.36 kg (approx, per screen) (without stand, power supply, or rackmount)
Mounting / Rackmounting:	M4x8 (VESA 75 & 100), 10-32x4 backside. Mntng Opt:19"RM(5 RU), desk, wall, yoke, cam rail, etc.
Operating (full spec):	-20 ~ +70°C @ 0-95% RH
Storage:	-20 ~ +80°C Storage
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum, Protected Non-Glare Glass Screen (washable)
Approvals:	RoHS (Pb) Compliant Product; UL/CSA/CE Power Supply

Specifications are subject to change without notice. February 2014