



Model d12LDB with Scan Reverse



12.1" DayBrite Professional Broadcast LED Video Monitor

- Very Bright Monitor for all indoor and outdoor uses
- LED Backlight for cool running but with very low power consumption
- DVI, Composite, and VGA Inputs
- Modes: EGA to WUXGA, NTSC/PAL/SECAM/NTSC4.43/PAL-M
- All 10-bit Digital Processing, Digital Adaptive Comb Filters
- Aspect Ratios: 16:9, 4:3, 1.85 to 1, etc. (Fixed and Adjustable)
- Fully Adjustable Scans: H & V sizes, Positions; **Reverse Scan**
- TCP/IP Network Remote Control (standard); IR & RS-232 optional

SPECIFICATIONS	
Active Area (Diagonal):	12.1" / 307 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, Composite, and DVI
PC Video Modes:	EGA, VGA, SVGA, XGA, WXGA, SXGA, WSXGA, UXGA, WUXGA (up to 1920 x 1200 @ 60 Hz)
Standard Definition Video Modes:	NTSC / PAL / SECAM/ NTSC4.43 / PAL-M (autoselected)
INPUTS	
Digital Video Inputs:	DVI
DVI Digital Video Inputs:	Digital Visual Interface, Single-Link, VESA & SMPTE Rates
Analog Video Inputs:	Composite, 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:	Variable position window; inserts a video source into window over second image. Window is size and position adjustable.
Picture-by-Picture:	Side by Side split screen display
Pixel (RGB Trio) Arrangement:	1024 H x 768 V RGB Vertical Stripe (786,432 RGB Pixels, 1 pixel=R+G+B)
Pixel (RGB Trio) Pitch, Depth:	0.308 h x 0.308 v mm
Brightness, typical, 0°:	1500 nts (cd/m2)
Contrast Ratio, 0°:	700:1
Dimming:	Front panel control, 100 to 5%
Color Bit Depth:	16.7 million colors (10-bit Digital Processing)
Viewing Angle, contrast>10:1:	H: ±80°, V: ±80°
Response Time:	12/13 ms
Standard Definition Video Resolution:	450 TVL
CONTROLS	
User Controls:	Menu System: Step Up/Down, Increment, Decrement, Hot Keys, Dimmer, Input Select Keys, On/Off
Remote Controls (and options):	TCP/IP Network RJ-45 (standard), Options: Infrared (IR, Opt 16), or Bi-direx RS-232 (opt 51)
LIGHT	
Light Source (standard):	White LEDs
Lamp Life:	50,000+ hours at full brite
CONNECTORS	
Composite Video Connector:	BNCx4 (in/outs 2: Hi-Z passive loop-thrus / auto-terminations)
VGA/PC Connector:	DE-15HD-F
HDMI/DVI Connectors:	Up to 1920 by 1080P (HDMI support)
POWER	
DC Power:	12 VDC ±10%, 30 watts (at full brite); (optional 9-36 volts input available)
DC Connector:	XLR-4M (pin 1=Gnd, pin 4=+volts)
AC Power (detached power supply included):	90-264 VAC, 50/60 Hz, 30 watts
AC Power Connector:	IEC 320-C14 3 pin Male (universal)
DISPLAY	
Window (Display Area):	9.676 x 7.257 / 246 x 184 mm screen size with non-glare glass protective cover
Cabinet Dimensions:	11.30 x 9.40 x 1.85" / 287 x 239 x 46 mm
Weight:	4.0 lbs/ 1.8 kgs (without stand, power supply, or rackmount)
Mounting / Rackmounting:	10-32 threaded inserts on back corners. VESA 75mm M4 screw in center. Options: RM,wall,stands
Operating (full spec):	-30° to 70° C, 0- 90% RH (non-condensing) (Extreme)
Storage:	-40° to +80° C (non-condensing) (Extreme)
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum, Protected Glass screen
Available Options:	Table Stands, Wall Mount Arms & Tilting Brackets
Approvals:	RoHS (Pb) Compliant Product, High Vibration Environment Approved

Specifications are subject to change without notice. Feb 2014