

Model TP12DB DayBrite



12" DayBrite Professional Video Monitor with Scan Reverse

- High & Standard Definition Video LCD Monitor 1080/720/576/480
- 3G SDI with loop out, HDMI
- Analog inputs are Composite, PC-VGA
- Modes: EGA to WUXGA, NTSC/PAL/SECAM/NTSC4.43/PAL-M
- 10-bit Digital Processing (up to 1920 x 1200), 16.7 million true colors, 24 bit
- Aspect Ratios: 16:9, 4:3, 1.85 to 1, etc. Presets and Adjustable
- Fully Adjustable Scans: H & V sizes, Overscan / Underscan, **Reverse Scan**
- Digital Adaptive Comb Filters

SPECIFICATIONS	
Active Area (Diagonal):	12.0"
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)
INPUTS	
Digital Video Inputs:	3G / HD / SD SDI (SMPTE 259M/292/296), HD HDMI
Analog Video Inputs:	Composite, PC VGA (EIA, CCIR, VESA, SMPTE 274)
PICTURE	
Aspect Ratios:	16:9, 4:3, Letterbox, and (de-) Anamorphic, Fixed and Variable Aspect Ratio Images
Pixel (RGB Trio) Arrangement:	1024 H x 768 V RGB Vertical Stripe (983.040 Pixels, 15:9/1.667:1)
Pixel (RGB Trio) Pitch, Depth:	0.24 H x 0.24 V mm, 16.7 million colors (10 bit digital processing)
Brightness, typical, 0°:	1500 nts (cd/m ²)
Contrast Ratio, 0°:	700:1 (high contrast)
Color Bit Depth:	16.7 million colors (10-bit Digital Processing)
Viewing Angle, contrast>10:1 :	150° H, 150° V
Response Time:	8 ms (high speed)
Standard Definition Video Resolution:	450 TVL
CONTROLS	
User Controls:	On/Off, Menu System: Step, Increment, Decrement
LIGHT	
Light Source (standard):	LED
Lamp Life:	50,000+ Hours
CONNECTORS	
Video Connectors:	BNCx2: 3G/HD/SD SDI in (1), HDMI / Composite in/out (Hi-Z <i>passive</i> loop-thru / auto-termination (2))
HDMI Connectors:	Up to 1920 by 1200
VGA/PC Connector:	DE-15HD-F
POWER	
DC Power:	12 VDC, (11.4~12.6)
DC Connector:	D4M (XLR4-M) (Locking; pin 1: gnd, pin 4: +12 v)
AC Power (detached power supply included):	90-264 VAC Universal, 47~63 Hz, 23 watts
AC Power Connector:	IEC-320 3 pin Male (universal)
DISPLAY	
Window (Display Area):	9.74 x 7.34
Cabinet Dimensions:	11.30 x 9.4
Mounting / Rackmounting:	10-32x4 (10-32 each corner), VESA 75mm or 100mm (M5), Options: rackmount, deskstand
Operating (full spec):	0 ~ +50°C, @ 10-90% RH, no condensation 10,000 ft / 3000 m
Storage:	-20 ~ +60°C, @ 10-90% RH, no condensation, 40,000 ft / 12,000m
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum
Approvals:	RoHS (Pb) Compliant Product

Specifications are subject to change without notice. February 2016