



## DHD37Wb & AHD/DVI37Wb

### 37" HD & SD SDI Digital, Analog, & DVI



- High & Standard Definition Video LCD Monitors 1080/720/576/480
- DHD is HD/SD SDI-Digital (SMPTE 259M, 292, 296), Analog & DVI Inputs
- AHD/DVI is Analog (Composite Y/C, PC-VGA, YPbPr/YCrCb) & DVI Inputs
- 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, & Scan Reverse
- Digital Adaptive Comb Filters

<b>SPECIFICATIONS</b>	
Active Area (Diagonal):	37.02" / 94.03 cm
<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)
Scanning Modes:	Under/Over Scanning; H/V Scan Reverse (mirror)
<b>INPUTS</b>	
Digital Video Inputs (DHD model):	HD SDI, SD SDI (SMPTE 259M/292/296), DVI
DVI Digital Video Inputs (both models):	Digital Visual Interface, Single-Link, VESA & SMPTE Rates.
Analog Video Inputs (both models):	Composite, Y/C, YPbPr/CrCb, PC VGA (EIA, CCIR, VESA, SMPTE 274)
<b>PICTURE</b>	
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 PC or HD image. Window is size and position adjustable.
Picture-by-Picture:	Side by Side split screen display
Pixel (RGB Trio) Arrangement:	1920 H x 1080 V RGB Vertical Stripe (1,049,088 Pixels)
Pixel (RGB Trio) Pitch, Depth:	0.42675mmH x 0.42675 V mm, 16.7 million colors (all Digital Processing)
Brightness, typical, 0°:	500 nts (cd/m <sup>2</sup> ) (high brite) (100~20% Dimmer: 500 to 100 nts rotary knob)
Contrast Ratio, 0°:	800:1 (very high contrast)
Color Bit Depth:	16.7 million colors (10-bit Digital Processing)
Viewing Angle, contrast>10:1 :	178° H, 178° V (extreme wide view)
Response Time:	<b>18/8</b> ms (very high speed)
Standard Definition Video Resolution:	450 TVL
<b>CONTROLS</b>	
User Controls:	On/Off, Menu System: Step, Increment, Decrement, Hot Keys
Remote Controls:	InfraRed (IR) and RS-232 (bi-direx)
<b>LIGHT</b>	
Light Source (standard):	16 Fluorescent Lamps, Variable Color Temperature Adjustment Menus
Lamp Life:	50,000+ Hours
<b>CONNECTORS</b>	
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)
<b>POWER</b>	
DC Power:	24 VDC, (22.8~25.2), 160 watts
DC Connector:	D4M (XLR4-M) (Locking; pin 1&2: gnd, pin 3&4: +24 v)
AC Power (detached power supply included):	88-132/176-264 VAC, 47~63 Hz, 170 watts
AC Power Connector:	IEC 390-C14 3 pin Male (universal)
<b>DISPLAY</b>	
Window (Display Area):	32.27 x 18.14" / 820 x 461 mm (w x h)
Cabinet Dimensions:	34.80 x 21.17 x 4.24" / 884 x 538 x 108 mm (whd)
Weight:	40.5 lbs / 18.4 kg (without stand, power supply, or rackmount)
Mounting (backside stainless inserts):	VESA 100 & 200@10-32, VESA 200@M4
Operating (full spec):	0 ~ +40° C, 14,000 ft / 4300 m, 10~90% RH
Storage:	-20 ~ +50° C, 40,000 ft / 12200 m, 10~90% RH
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum
Available Options:	Opt 17 (SDSDI additional input ), or Opt 60 (Tilting Wall Mount Bracket)
Approvals:	RoHS (Pb) Compliant Product

Specifications are subject to change without notice. July 2007