



Model DHD65DB & AHD65DB



6.5" DayBright HD & SD SDI Digital, Analog, & DVI LCD Video Monitor

- Ultra-Brite Direct Sunshine Display, All HDTV formats (720/1080, i/p/sF)
- 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

SPECIFICATIONS	
Active Area (Diagonal):	6.531/165.9mm
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; H/V Scan Reverse (mirror)
INPUTS	
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)
PICTURE	
Aspect Ratios -presets, including:	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:	640 x 480 RGB (480,000 x3 RGB pixels)
Pixel (RGB Trio) Pitch, Depth:	0.207x x 0.207v mm
Brightness, typical, 0°:	1850 nts (cd/m²) (hi brite)
Dimming: s	Front panel control, /50/25/7 (menu = 100 to 1%)
Cooling:	Internal Fans (Off, Hi, Lo selectable)
Contrast Ratio, 0°:	450:1 (high contrast)
Color Bit Depth:	16.7 million colors (10-bit Digital Processing)
Viewing Angle, contrast>10:1 :	H: ±60°, V: +40/-60° (wide angles)
Response Time (blk>wht, wht>blk):	16/15 ms
Standard Definition Video Resolution:	450 TVL
CONTROLS	
User Controls:	On/Off, Menu System: Step, Increment, Decrement, Hot Keys, Input, Dimmer
Remote Controls:	Infrared (IR, Opt 16) or bi-direx RS-232 (opt 51)
LIGHT	
Light Source (standard):	6 Fluorescent Lamps (Color Temperature is menu adjustable)
Lamp Life:	25,000+ Hours (factory replaceable)
CONNECTORS	
Video Connectors:	BNCx6/5: (SDI in (2) and Regen outputs (2) [DHD only], or YPbPr/YCrCb in (3) [DVI only], Composite in/out (1: Hi-Z passive loop-thru / auto-termination); note: VGA input also accepts YpbPr.
VGA/PC Connector:	DE-15HD-F (detachable 10' M/M cord)
POWER	
DC Power:	12 VDC (11.0~13.0), 22 watts (low power) (9-36v input is optional)
DC Connector:	XLR4-M (Locking- pin 1=gnd, pin 4=plus volts)
AC Power (detached power supply included):	100-240 VAC, 50/60 Hz, 30 watts (worldwide power)
AC Power Connector:	IEC 390-C14 3 pin Male (universal)
DISPLAY	
Window (Display Area):	132.5" x 99.8", 5.217x3.929
Cabinet Dimensions:	8.096 x 6.000 x 3.500 (20.56 x 23.62 x 90.2)
Weight:	3.0 lb. (without stand, power supply)
Mounting / Rackmounting:	VESA 75 (M4 x 4, backside)
Operating (full spec):	0 ~ +60°C @ 0-95% RH
Storage:	-25 ~ +70°C Storage
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum
Approvals:	RoHS (Pb) Compliant Product

Specifications are subject to change without notice. August 2008