



DHD84bHR, DHD84bHRx2, AHD/DVI84bHR, AHD/DVI84bHRx2

8.4" 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, 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., and Adjustable
- Fully Adjustable Scans: H & V sizes, Position, & Scan Reverse
- Digital Adaptive Comb Filters

SPECIFICATIONS

Active Area (Diagonal):	8.4" / 214 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; 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 x 2, 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 PC or HD image. Window is size and position adjustable.	
Picture-by-Picture:	Side by Side split screen display	
Pixel (RGB Trio) Arrangement:	1024 (3076) x 768 RGB (786,432RGB pixels)	
Pixel (RGB Trio) Pitch, Depth:	0.555x3h x 0.1665v mm	
Brightness, typical, 0°:	400 nts (cd/m ²) (hi brite)	
Contrast Ratio, 0°:	400:1 (high contrast)	
Color Bit Depth:	16.7 million colors (10-bit Digital Processing)	
Viewing Angle, contrast>10:1 :	H: 170°, V: 170° (wide angles)	
Response Time:	13/12 ms (high speed)	
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):	4 Fluorescent Lamps (Color Temperature is Menu adjustable)	
Lamp Life:	40,000+ Hours (cartridge replaceable)	
CONNECTORS		
Video Connectors:	BNCx11: (HD/SD SDI in x 2 (4) and Regen outputs (2) [DHD only], YPbPr/YCrCb in (3)[AHD only], Composite in/out (2 inputs: Hi-Z passive loop-thru / auto-termination (4))	
VGA/PC Connector:	DE-15HD-F (detachable 10' M/M cord)	
Tally	Red and Green, contact closure to ground (3.5mm jack)	
POWER		
DC Power:	12 Vdc (10.8~14.0), 22 watts (low power) (9-36v optional)	
DC Connector:	D4M (XLR4-M) (Locking; pin 1: gnd, pin 4: plus volts)	
AC Power (detached power supply included):	100-240 VAC, 50/60 Hz, 26 watts (worldwide power)	
AC Power Connector:	IEC 390-C14 3 pin Male (universal)	
DISPLAY		
MONITOR		
Window (Display Area):	6.728 x 5.047" / 171 x 128 mm	
Cabinet Dimensions:	8.400" x 6.757" x 3.00"	213.4 x 171.6 x 76.2 mm
Weight:	3.15 lbs / 1.43 kg (approx, per screen)	3.15 lbs / 1.43 kg (approx, per screen)
Mounting / Rackmounting:	1/4"-20, VESA100 (10-32x4). Options: desk, wall, yoke, cam rail, etc.	
Operating (full spec):	0 ~ +50°C @ 10-90% RH, no condensation, 10,000 ft. / 3000 m	
Storage:	-20 ~ +70°C @ 10-90% RH, no condensation, 40,000 ft. / 12000 m	
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum	
Standard Features:	Tri-color Tally Light	
Available Options:	Option 11 (stand), 46 (rackmount), 75 (Battery Plate, Anton-Bauer Gold Mount type)	
Approvals:	RoHS (Pb) Compliant Product	

Specifications are subject to change without notice. February 2008