



DHD24W & AHD/DVI24W



24" 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

SPECIFICATIONS	
Active Area (Diagonal):	24.0" / 60.96 cm
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:	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:	5760 (1920) H x 1200 V RGB Vertical Stripe (3,147,264 Pixels, 16:9/1.779:1)
Pixel (RGB Trio) Pitch, Depth:	0.270x0.270 mm, 16.7 million colors (all Digital Processing)
Brightness, typical, 0°:	400 nts (cd/m ²) (high brite) (100~20% Dimmer: 500 to 100 nts rotary knob)
Contrast Ratio, 0°:	1000:1 (class 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:	5.5/6.5 ms (very 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):	6- CCFL
Lamp Life:	50,000+ Hours
CONNECTORS	
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)
POWER	
DC Power:	24 VDC, (22.8~25.2), 70 watts
DC Connector:	D4M (XLR4-M) (Locking; pin 1&2: gnd, pin 3&4: +24 v)
AC Power (detached power supply included):	90-264 VAC 80 watts
AC Power Connector:	IEC 390-C14 3 pin Male (universal)
DISPLAY	
Window (Display Area):	20.41 x 12.76" / 51.84 x 32.4 cm
Cabinet Dimensions:	22.084 x 15.095 x 3.253" / 561 x 383 x 82.6 mm
Weight:	14 lbs (without stand, power supply, or rackmount)
Mounting (backside stainless inserts):	VESA 100 @10-32 & M5
Operating (full spec):	0 ~ +50° C
Storage:	-20 ~ 60° C
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum
Approvals:	RoHS (Pb) Compliant Product

Specifications are subject to change without notice. Sep. 2009

