



DHD 26Wa & DVI 26Wa



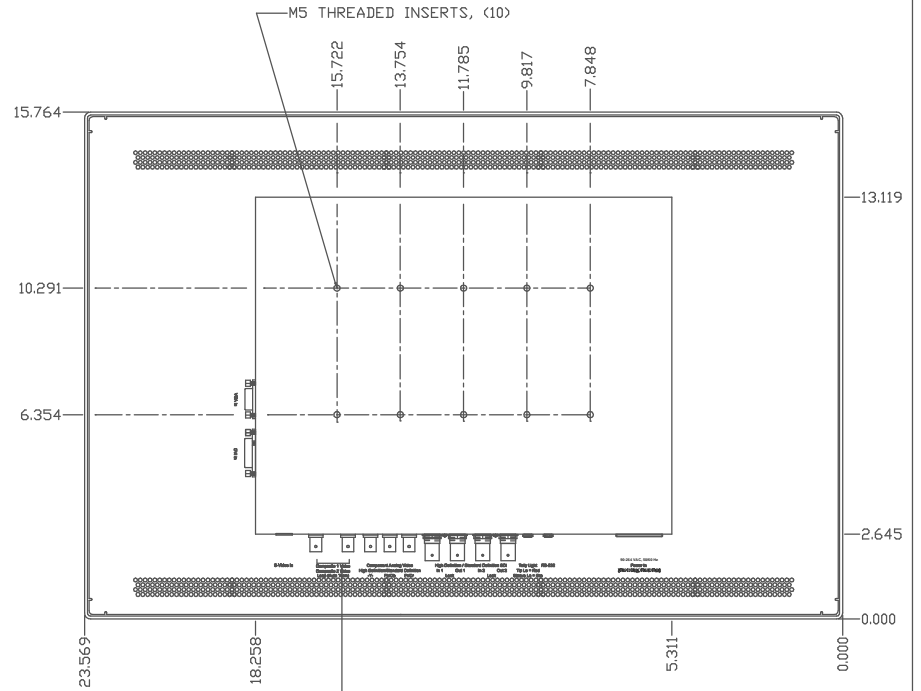
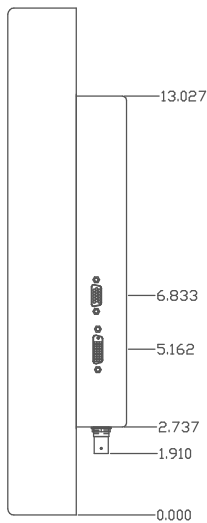
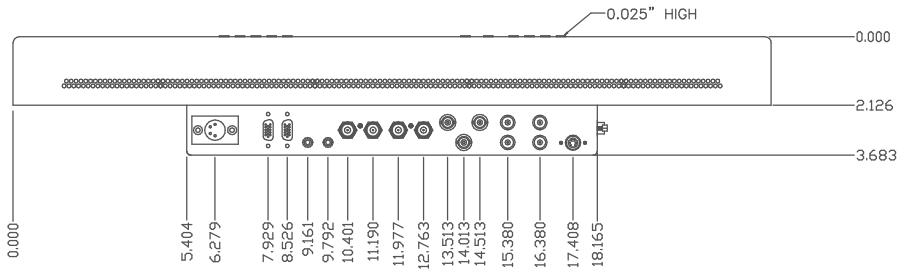
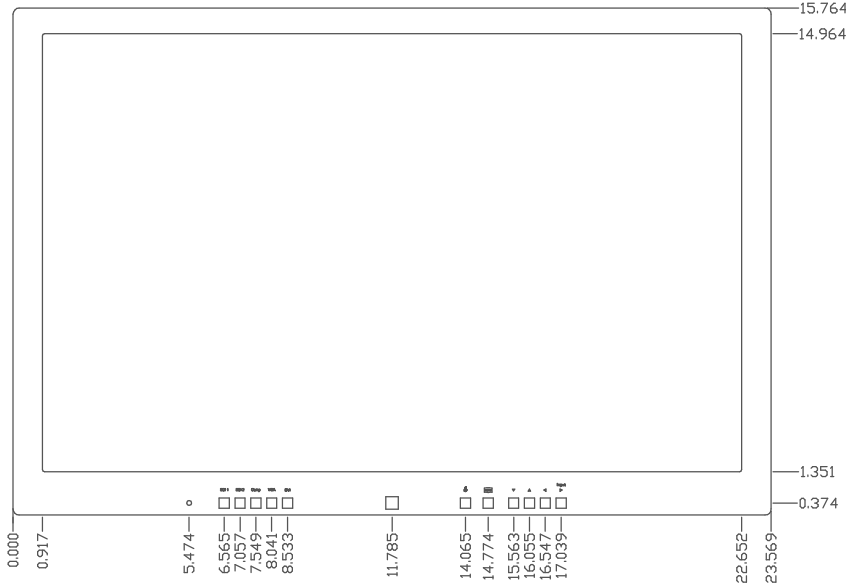
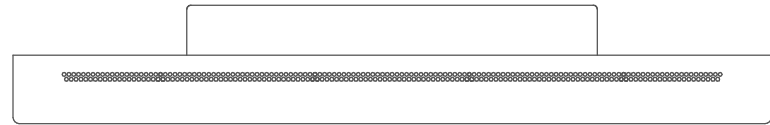
26" HD & SD SDI Digital, Analog, & DVI

- High & Standard Definition Video LCD Monitors 1080/720/576/480
- DHD is HD/SD-SDI Digital (SMPTE 259M, 292, 296), Analog, & DVI Inputs
- DVI model: 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, Positions, Scan Reverse, PiP
- Digital Adaptive Comb Filters, Patented Motion Adaptive De-interlacing

SPECIFICATIONS


Active Area (Diagonal):	26.0" / 660.53 mm Diagonal
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/Adjustable Scanning; H/V Image Reverse (mirror)
INPUTS	
Digital Video Inputs (DHD model):	HD SDI, SD SDI (SMPTE 259M/292/296), DVI (EGA to WUXGA)
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, Selectable Fixed and Variable Aspect Ratio Images
Picture-in-Picture :	Variable size/position window; inserts a second different format video source into window. Window is size and position adjustable.
Picture-by-Picture:	Side by Side split screen display (part of PiP feature)
Pixel (RGB Trio) Arrangement:	5760 (1920) H x 1200 V RGB Vertical Stripe (2,304,000 RGB Pixels, 16:10/1.60:1 native aspect)
Pixel (RGB Trio) Pitch, Depth:	0.287 H x 0.287 V mm, 16.7 million colors (all Digital Processing)
Brightness, typical, 0°:	500 nts (cd/m ²) (high bright) (100~20% internal menu dimmer: 500 to 100 nts)
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 (t _r /t _d):	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, Input Selects (non-volatile settings)
Remote Controls:	InfraRed (IR, with hand wand) and RS-232 (bi-direx; over-rides cabinet user controls)
LIGHT	
Light Source (standard):	16 Fluorescent Lamps; Five, Variable, Color Temperature Adjustment Menus
Lamp Life:	50,000+ Hours (HD-SDI 1,2: factory calibrated to 6500°)
CONNECTORS	
Video Connectors:	BNCx11: (SDIs inputs (2) and Regen outputs (2) [DHD only], YPbPr/YCrCb in (3), Two Composite ins/outs (4: Hi-Z passive loop-thru / auto-termination)
S-Video (Y/C) Connector:	4-pin Mini-DIN
DVI Connectors:	Up to 1920 by 1200P (no HDMI support)
VGA/PC Connector:	DE-15HD-F (detachable 10' M/M cord)
Tally Connector:	3.5 mm Female (Dry Contact Closure Activation, Tip Lo = Red, Sleeve Lo = Green)
Remote Control Connector (RS-232):	3.5 mm Female
POWER	
AC Power:	90-264 VAC, 47-63 Hz, 100 watts (at full brightness) (monitor has no internal cooling fans)
AC Connector:	IEC320-C14, (3-pin) Male
DISPLAY	
Window (Image Area):	21.65 x 13.54 x 25.54" / 550 x 344 x 64.87 mm (w x h x diagonal)
Cabinet Dimensions:	23.57 x 15.76 x 3.68" / 599 x 401 x 94 mm (whd)
Weight:	15 lbs / 7 kg (without stand or mounting hardware)
Mounting (backside, stainless steel inserts):	VESA 100 & VESA 200, 10-32 and M5 thread
Operating (full spec):	0 ~ +50° C, 14,000 ft / 4300 m, 10~90% RH (no condensation)
Storage:	-20 ~ +60° C, 40,000 ft / 12200 m, 10~90% RH (no condensation)
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum
Approvals:	CE, RoHS (Pb) Compliant Product

Specifications are subject to change without notice. Oct 2009



CONNECTOR CONFIGURATION MAY VARY WITH MODEL AND OPTIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

 BOLAND COMMUNICATIONS			
(949) 465-9911			
TITLE DIAGRAM, OUTLINE & MOUNTING DIMS, DHD/DVI26W			
USED ON DHD26W, DVI26W	SIZE A	DOCUMENT NUMBER (3590xx.dwg)	REV 3593 A7
DATE: Nov 02, 2007	BY: IO	DO NOT SCALE DRAWING	SHEET: 1 OF 1



DHD26W & AHD/DVI26W



26" 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

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Standard Definition Video Modes:	NTSC/PAL/SECAM/NTSC4.43/PAL-M (autoselected)
Scanning Modes:	Under/Over Scanning; H/V Scan Reverse (mirror)
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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 1080 V RGB Vertical Stripe (3,147,264 Pixels, 16:9/1.779:1)
Pixel (RGB Trio) Pitch, Depth:	0.200x3 H x 0.600 V mm, 16.7 million colors (all Digital Processing)
Brightness, typical, 0°:	500 nts (cd/m ²) (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:	18/8 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):	16 Fluorescent Lamps, Variable Color Temperature Adjustment Menus
Lamp Life:	50,000+ Hours
CONNECTORS	
Video Connectors:	BNCx8: (HD/SD SDI in (2) and Regen outputs (2) [DHD only], YPbPr/YCrCb in (3)[AHD only], Composite in/out (2: Hi-Z passive loop-thru / auto-termination (4))
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), 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)
DISPLAY	
Window (Display Area):	22.67 x 12.75" / 576 x 324 mm (w x h)
Cabinet Dimensions:	25.00 x 15.55 x 3.80" / 635 x 395 x 96.5 mm (whd)
Weight:	15 lbs. (without stand, power supply, or rackmount)
Mounting (backside stainless inserts):	VESA 100 @10-32 & M5
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
Approvals:	RoHS (Pb) Compliant Product

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