



Model: HX L24

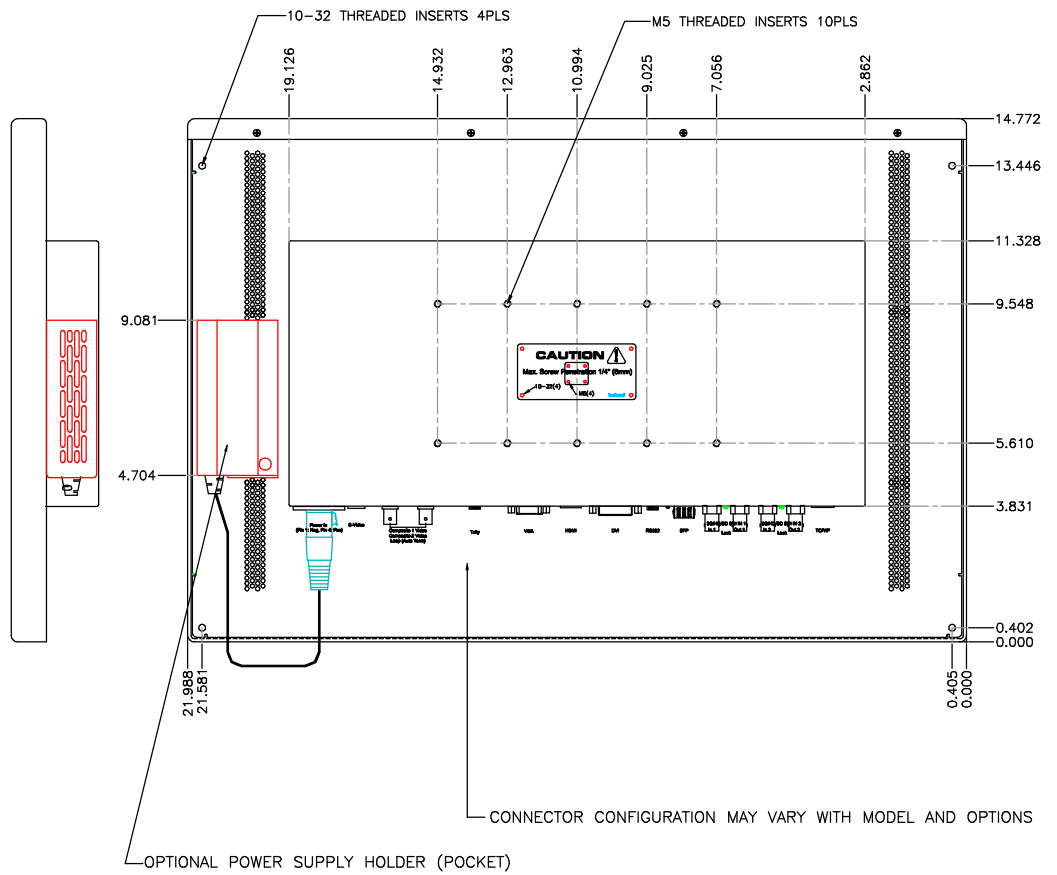
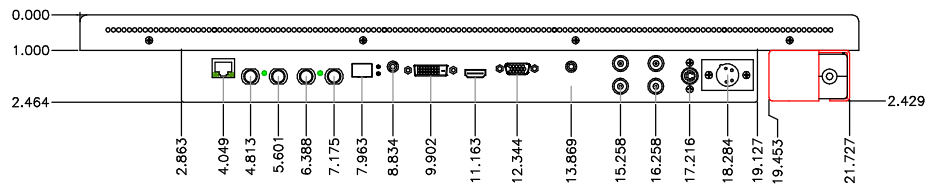
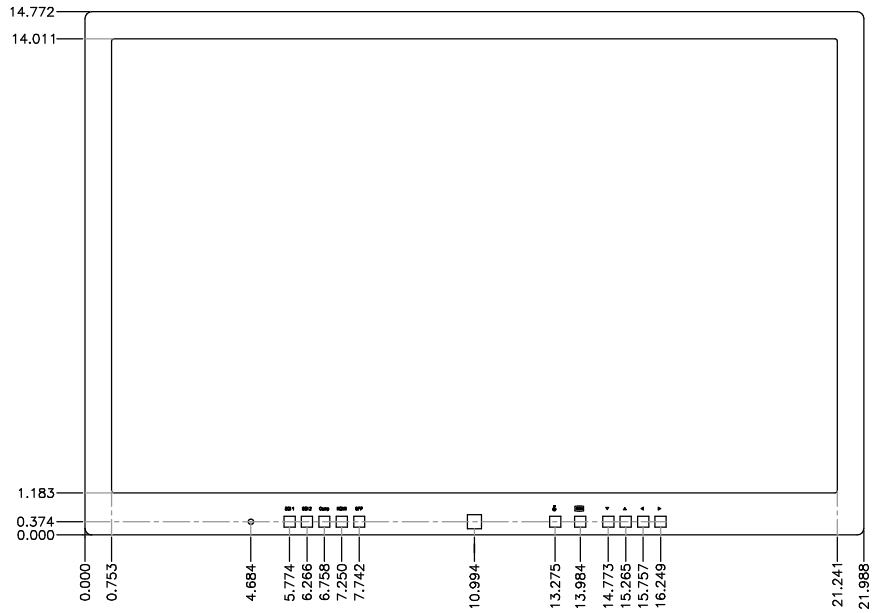
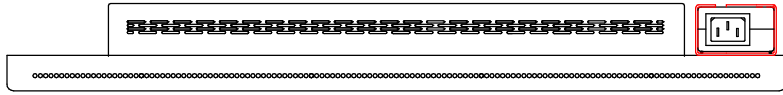


24" LED Video Monitor

- High & Standard Definition Video LED Backlit Monitor, 1920x1080
- 2x 3G/HD/SD SDI SFP* (Fiber), HDMI (+HDCP), DVI (+HDCP) & HD VGA
- Analog inputs are HD VGA, Composite, and S-Video
- LED Backlight System for Low Power and Stable Operation
- Modes: EGA to WUXGA, NTSC/PAL/SECAM/NTSC4.43/PAL-M
- 12-bit Digital Processing, 16.7 Million Colors
- Aspect Ratios: 16:10, 16:9, 4:3, 1.85 to 1, etc.
- Full Resolution (1920 x 1200), 1000:1 Contrast Ratio

SPECIFICATIONS	
Active Area (Diagonal):	24.1" / 61.13 cm
MODES	
High & Standard Definition Video Modes:	Up to 1920x1080 @23/24/25/29/30/60 i/p/sF Digital and Analog (autoselected), 3G/HD/SD SDI & SFP* (Fiber), HD HDMI (+HDCP), HD DVI (+HDCP), HD VGA
PC Video Modes:	EGA, VGA, SVGA, XGA, WXGA, SXGA, WSXGA, UXGA, WUXGA (Up to 1920 x 1200)
Standard Definition Video Modes:	NTSC/PAL/SECAM/NTSC4.43/PAL-M (autoselected) (480i / 576i)
INPUTS	
Digital Video Inputs:	2 x 3G/HD/SD SDI, SFP* (Fiber), HD HDMI (+HDCP), HD DVI (+HDCP), (SMPTE 259M/292/296)
DVI Digital Video Inputs:	Digital Visual Interface: Single-Link, VESA & SMPTE Rates, with HDCP
Analog Video Inputs:	HD VGA (EIA, CCIR, VESA, SMPTE 274) Composite, and S-Video
Optional Modules:	*SFP Receivers: LC Fiber, ST Fiber, HD BNC (one input with or without loop out)
PICTURE	
Aspect Ratios:	16:10, 16:9, 4:3, 1.85:1, 2.1, and (de-) Anamorphic
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 x 1200 RGB Vertical Stripe (2,304,000 Pixels)
Pixel (RGB Trio) Pitch, Depth:	0.270x0.270 mm; 16.7 Million Colors (all Digital Processing)
Brightness, typical, 0°:	300 nts (cd/m ²), (100~10% Dimmer), meets SMPTE RP166
Contrast Ratio, 0°:	1000:1 (very high contrast)
Color Bit Depth:	16.7 Million Colors (12-bit Digital Processing)
Viewing Angle, contrast>10:1 :	178° H, 178° V (extreme wide view)
Response Time:	14 ms (very high speed)
Standard Definition Video Resolution:	450 TVL
CONTROLS	
User Controls:	On/Off, Menu System: Step, Increment, Decrement, Hot Keys, Inputs Selects
Remote Controls:	Infrared (IR) and RS-232 (bi-direx), TCP/IP
LIGHT	
Light Source (standard):	White LED, D65 Native, 30-300 nts Dimmable
Lamp Life:	30,000 hours min
CONNECTORS	
Video Connectors:	BNCx8: 3G/HD/SD SDI (4), HDMI (+HDCP), DVI (+HDCP), SFP Socket (Fiber), VGA, Composite in/out (2: Hi-Z <i>passive</i> loop-thru / auto-termination), S-Video
DVI Connectors:	Up to 1920 by 1200p (HDMI support)
HD VGA PC Connector:	DE-15HD-F, up to 1920 x 1200
Audio Connectors (optional):	3.5mm Stereo, Input and Output (1 watt x 2 for external amplifier/speakers)
POWER	
DC Power:	12 VDC, (10.8 ~ 13.2), 32 watts
DC Connector:	D4M (XLR4-M) (Locking; pin 1&2: gnd, pin 3&4: +12 v)
AC Power (detached power supply included):	90-264 VAC, 38 watts
AC Power Connector:	IEC 320-C14 3 pin Male (universal)
DISPLAY	
Window (Display Area):	20.39 x 12.75" / 518 x 324 mm
Cabinet Dimensions:	21.988 x 14.772 x 2.464" / 559 x 375 x 63 mm
Weight:	11 lbs/5Kg (without stand, power supply, or rackmount)
Mounting (backside stainless inserts):	VESA 100/200 @ M5 (10)
Operating (full spec):	0 ~ +50° C, 10-90% RH
Storage:	-20 ~ 60° C, 40,000 ft / 9144 m, 10-90% RH
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum
Approvals:	RoHS (Pb) Compliant Product

Specifications are subject to change without notice. December 2013



BOLAND COMMUNICATIONS
 (949) 465-9911

TITLE: OUTLINE DIAGRAM, HXL24

USED ON HXL24	SIZE A	DOCUMENT NUMBER (3702xx.dwg)	REV 5922	A1
DATE: 10/29/13	BY: IO	DO NOT SCALE DRAWING	SHEET: 1	OF 1