



vp104L



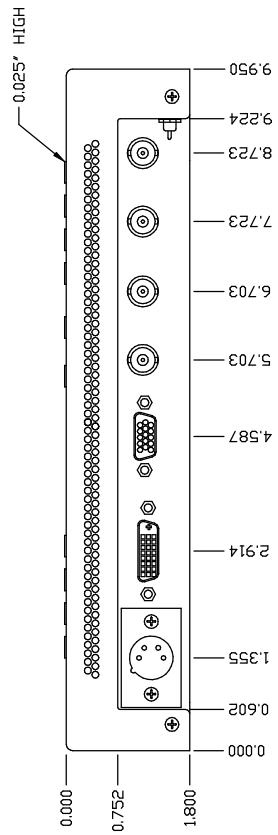
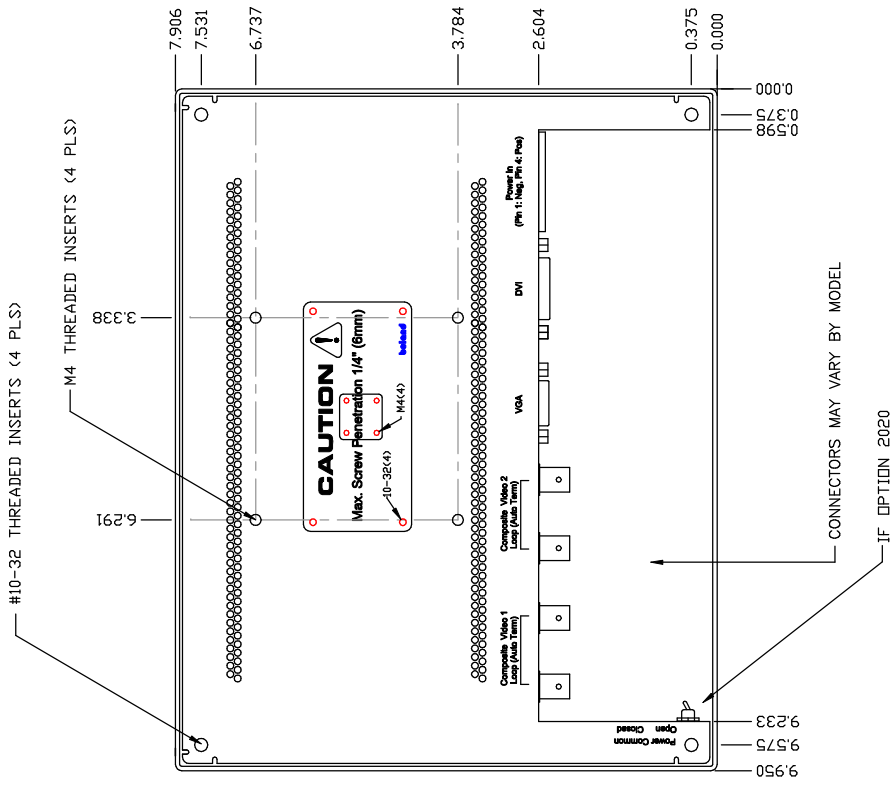
10.4" Analog Composite, VGA, & Digital DVI Monitor

- Standard Definition LED-Backlit Video Monitor 576/480/VESA
- Dual Composite Analog, VGA, & DVI-D Inputs
- LED Backlight System for Low Power and Stable Operation
- Video Modes: PAL, PAL M, NTSC, NTSC 4.43 & SECAM
- VGA+DVI Modes: EGA to UXGA (640x350-70 Hz to 1600x1200-60 Hz)
- Full 8-bit Digital Processing, 16.7 million true colors, 24 bit Color Pallet
- VGA Analog Inputs: RGBHV, RGBs, RGsB
- 160°H/140°V Wide Viewing Angles

SPECIFICATIONS

Active Area (Diagonal):	10.4" / 264 mm
MODES	
Standard Definition Video Modes:	576/480, 50i/60i Analog Composite, VESA VGA, plus DVI-D
PC Video Modes:	EGA, VGA, SVGA, XGA, WXGA, SXGA, WSXGA, UXGA
Composite Video Modes:	PAL/ NTSC/SECAM/NTSC4.43/PAL-M (autoselected)
INPUTS	
Analog Video Inputs:	Composite Video and PC RGB VGA (EIA, CCIR, VESA)
DVI Digital Video Inputs:	Digital Visual Interface, Single-Link Digital, VESA Rates
PICTURE	
Pixel (RGB Trio) Arrangement:	800 x 600 RGB (480,000 RGB pixels)
Pixel (RGB Trio) Pitch, Depth:	0.264h x 0.264v mm, 8-bit
Brightness, typical, 0°:	400 nts (cd/m ²)
Contrast Ratio, 0°:	700:1 (high contrast)
Color Bit Depth:	16.7 million colors
Viewing Angle, contrast>10:1 :	160° H, 140° V (wide angles)
Response Time:	10 ms (high speed decay)
Standard Definition Video Resolution:	450 TVL
CONTROLS	
User Controls:	On/Off, Menu System: Step, Increment, Decrement, Select
Optional Remote Controls:	InfraRed (IR) and RS-232 (bi-direx)
LIGHT	
Light Source (standard):	White Solid State LEDs
Native Color Temperature:	D65 (0.313, 0.329) (Color Temperature Presets are Menu adjustable)
Lamp Life:	50,000+ Hours
CONNECTORS	
Video Connectors:	BNCx4: (Composites 1 and 2), Hi-Z <i>passive</i> loop-thru / auto-termination)
DVI Connector:	19 Pin DVI-D Single-Link (no HDMI support) (accepts 24 pin plug)
VGA/PC Connector:	DE-15HD-F
POWER	
DC Power:	12 Vdc (10.8-12.6 V), 12 watts DC (low power)
DC Connector:	XLR4-M (Locking; pin 1: gnd, pin 4: plus volts)
AC Power (detached power supply, included):	90-264 VAC, 50/60 Hz, 15 watts AC (worldwide power)
AC Power Inlet Connector:	IEC 320-C14 3 pin Male (universal)
DISPLAY	
Window (Display Area):	8.315 x 6.236" / 211.2 x 158.4 mm
Cabinet Dimensions:	9.95 x 7.91 x 1.80" / 253 x 201 x 46 mm (whd)
Weight:	2.2 lbs / 1.0 kg (approx. per screen) (without stand, power supply, or rackmount)
Mounting / Rackmounting:	M4x8 (VESA 75), 10-32x4, backside. Mounting: Opt 19" RM (5 RU), desk, wall, yoke, cam rail, etc.
Operating (full spec):	-30 ~ +80°C @ 0-95% RH
Storage:	-30 ~ +85°C Storage
Case Color & Material:	Textured Semi-Gloss Black Powder Hard Coat, Aircraft Aluminum, Protected Non-Glare Glass Screen (washable)
Approvals:	RoHS (Pb) Compliant Product; UL/CSA/CE Power Supply

Specifications are subject to change without notice. July 2014



CONNECTORS MAY VARY BY MODEL
IF OPTION 2020

BOLAND COMMUNICATIONS
(949) 465-9911

TITLE: DIAGRAM OUTLINE, VPL104, SV-10LCD

USED ON	SIZE	DOCUMENT NUMBER	REV
VP104	A	(3140xx.dwg)	4128 A2

DATE: 3/4/10 BY: JD DO NOT SCALE DRAWING SHEET: 1 OF 1

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