

## PVBL20

### 20" 3G HD & SD SDI, HD HDMI/DVI (+HDCP)



- High & Standard Definition Video LCD Monitors 1080/720/576/480
- 3G includes 2x3G HD/SD SDI-Digital input/ HD HDMI/DVI (+HDCP)
- Dual Link Mode & 1080p 60 compatible
- HDMI/DVI inputs accepts up to 1080p HD
- Modes: EGA to UXGA, NTSC/PAL/SECAM/NTSC4.43/PAL-M
- Analog Inputs are Composite, Y/C, Component, RGB (SOG), DVI – I (Analog PC)
- Aspect Ratio: 16:9, 4:3, 14:9, 13:9, 1.85:1, 2.35:1
- Dual Waveform & Vector Scope (SDI Only).
- Safe Area Adjustable Frame Marker Display
- Audio Level Meter (16ch, Level meter position, Level meter scale)
- UMD/IMD Support.
- Closed caption. (CEA608 & 708, SDI Only)
- Color Temperature – User, VAR, 11000K, 9300K, 6500K, 5400K, 3200K

### SPECIFICATIONS

<b>Active Area (Diagonal):</b>	20" / 508.05 mm
<b>MODES</b>	
<b>High &amp; Standard Definition Video Modes:</b>	2048x1080p(24/25),1920x1080p(50/60/30psf/25psf/24psf/30/25/24),1920x1035i(60/59.94),1920x1080i(50/59.94/60), 1280x720p(24/25/30/50/59.94/60),480i(59.94),576i(50) Digital, VESA VGA, DVI/HDMI
<b>PC Video Modes:</b>	EGA, VGA, SVGA, XGA, WXGA, SXGA, WSXGA, UXGA
<b>Standard Definition Video Modes:</b>	NTSC/PAL/SECAM/NTSC4.43/PAL-M
<b>Scanning Modes:</b>	Under/Over/Zero/Pixel to Pixel Scanning
<b>INPUTS</b>	
<b>Digital Video Inputs:</b>	3G HD SDI (SMPTE 259M/292/296), HD HDMI/DVI (+HDCP)
<b>Digital Video Inputs:</b>	Digital Visual Interface, Dual Link, VESA & SMPTE Rates.
<b>Analog Video Inputs:</b>	Composite, Y/C, Component, RGB (SOG), DVI – I (Analog PC)
<b>PICTURE</b>	
<b>Aspect Ratios:</b>	Full Screen, 16:9, 4:3, 14:9, 13:9, 1.85:1, 2.35:1
<b>Picture-in-Picture:</b>	Analog (Composite1, 2, 3, YPbPr, GBR, PC) inputs + Digital (DVI, HDMI) + SDI (SDI1, SDI2) inputs & SDI1 + SDI2 input PIP
<b>Picture-by-Picture:</b>	Side by Side split screen display
<b>Pixel (RGB Trio) Arrangement:</b>	1600 H x 900 V Pixels RGB strip arrangement (1,400,000 Pixels, 16:9)
<b>Pixel (RGB Trio) Pitch, Depth:</b>	0.2766mm x 0.2766 mm 16.7 million colors
<b>Brightness, typical:</b>	250 cd/m2
<b>Contrast Ratio</b>	1000:1
<b>Color Processor:</b>	10 bit color Processor
<b>Viewing Angle:</b>	R/L 178(Typ.), U/D 178(Typ.)
<b>Response Time:</b>	14ms
<b>CONTROLS</b>	
<b>User Controls:</b>	ST-BY, SDI1~2, ANALOG, SCAN, MARKER, F1 ~6, MENU, SEL/INPUT, UP, DOWN, ADJUST
<b>Remote Controls:</b>	IR, TCP/IP
<b>LIGHT</b>	
<b>Light Source (standard):</b>	RGB LED backlight system
<b>LED Life:</b>	30,000 hrs
<b>CONNECTORS</b>	

<b>Video Connectors:</b>	BNC x 2 SDI 2 Channel Input, BNC x 3 Composite, YC (S-Video), Component (YPbPr/RGB) Input, Dual Link
<b>HDMI/DVI Connectors:</b>	DVI-I x 1 DVI & Analog RGB Input, HDMI x 1 HDMI Input
<b>AUDIO Connectors:</b>	RAC x 2 Audio Input
<b>POWER</b>	
<b>DC Power:</b>	12 VDC ±10%, 45 watts
<b>DC Connector:</b>	XLR-4M (pin 1=Gnd, pin 4=+volts)
<b>AC Power (detached power supply included):</b>	90-264 VAC, 50/60 Hz
<b>AC Power Connector:</b>	IEC 320-C14 3 pin Male
<b>DISPLAY</b>	
<b>Window (Display Area):</b>	17.43 x 9.8." / 442.80 x 249.10
<b>Cabinet Dimensions:</b>	18.87 x 11.11 x 2.48" / 479.5 x 282.4 x 63.1 mm (whd)
<b>Weight:</b>	14.66 lbs (without Rackmount)
<b>Mounting / Rack Mounting:</b>	VESA (100 x 100/75 x 75/65 x 44), Rackmount 7 RU
<b>Operating (full spec):</b>	0 ~ +50°C, no condensation, 0 ~ 10,000 feet (3,048m)
<b>Storage:</b>	-20 ~ +60°C, no condensation, 0 ~ 40,000 feet (12,192m)

1/20/14