



# BVB55 OLED

## 55" WOLED\* 3G/HD/SD SDI Digital, HDMI/DVI (+HDCP), HD Analog Component

- High & Standard Definition Video LCD Monitors 1080/720/576/480
- 3G includes 2x3G/HD/SD SDI Digital input, HD HDMI/DVI (+HDCP)
- HDMI/DVI inputs accept up to 1080p
- Modes: EGA to UXGA, NTSC/PAL/SECAM/NTSC4.43/PAL-M
- Analog Inputs are Composite, Y/C, Component, RGB(SOG), DVI-I (Analog PC VGA)
- Aspect Ratio: 16:9, 4:3, 14:9, 13:9, 1.85:1, 2.35:1
- Dual Waveform & Vector Scope(SDI Only) •Marker Display.
- Audio Level Meter (16ch, Level meter position, Level meter scale)
- Supports 10bits 3D LUT(Native, BT.709, SMPTE-C, EBU)
- UMD/IMD Support •Closed caption (CEA608 & 708, SDI Only)
- \*WOLED Pixel Structure (White+RGB LEDs) for Superior Color Tracking and Full 10 Bit Performance

### SPECIFICATIONS

Active Area (Diagonal):	54.64"/ 1387.86 mm
<b>MODES</b>	
High & Standard Definition Video Modes:	2048x1080p(24/25),1920x1080p(50/60/30psf/25psf/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
PC Video Modes:	EGA, VGA, SVGA, XGA, WXGA, SXGA, WWSXGA, UXGA
Standard Definition Video Modes:	NTSC/PAL/SECAM/NTSC4.43/PAL-M
Scanning Modes:	Under/Over/Zero/Pixel to Pixel Scanning
<b>INPUTS</b>	
Digital Video Inputs:	3G HD SDI (SMPTE 259M/292/296), HD HDMI/DVI (+HDCP)
Digital Video Inputs:	Digital Visual Interface, Dual Link, VESA & SMPTE Rates.
Analog Video Inputs:	Composite, Y/C, Component, RGB(SOG), DVI - I (Analog PC VGA)
<b>PICTURE</b>	
Aspect Ratios:	Full Screen, 16:9, 4:3, 14:9, 13:9, 1.85:1, 2.35:1
Picture-in-Picture :	Analog+Digital (Composite1, 2, 3, Y.Pb.Pr, GBR, PC VGA) + (DVI, HDMI) or (SDI1, SDI2); and Digital+Digital (SDI1 + SDI2)
Picture-by-Picture:	Side by Side split screen display
Pixel (RGB Trio) Arrangement:	1920H x 1080V Pixels (16:9), RWGB (WOLED) stripe arrangement (2,073,600 Pixels [x4 sub-Pixels])
Pixel (RGB Trio) Pitch, Depth:	0.630 mm x 0.630mm, 1.07 Billion colors (10-bit Y and C channels performance)
Brightness, typical, 0°:	400 cd/m <sup>2</sup> (factory calibrated to 30 fL/100 nts)
Contrast Ratio, 0°	Over 100,000:1
Color Processor:	10 bit color Processing (Y and C)
Viewing Angle, contrast>10:1 :	R/L 120 (Min.), U/D 120 (Min.)
Response Time:	1 ms (typical, G to G)
<b>CONTROLS</b>	
User Controls:	Direct Inputs: SDI1~2, HDMI, DVI, ANALOG; Functions: SCAN, MARKER, F1 ~4; Navigation: MENU, SEL/INPUT, UP, DOWN, ±ADJUST
Remote Controls:	IR, TCP/IP, RS-422, RS-232c
<b>LIGHT</b>	
Light Source (standard):	Light Emitting Diode (WLED) Direct-View LEDs System
LED Life:	30,000 hrs
<b>CONNECTORS</b>	
Video Connectors:	BNCx4: SDI 2-Channels & Loops; and BNCx6: Composites or YC (S-Video) or Component (YPbPr/RGB[SOG]) with Loops
HDMI/DVI Connectors:	1-DVI-I (DVI-D + Analog PC VGA [RGBHV]) and 1-HDMI. Both supporting HDCP.
AUDIO Connectors:	RCA x 2 [L, R] Audio Input, Spring-Clip Stereo Speaker Connectors [L, R], 3.5 mm Headphone Jack
<b>POWER</b>	
AC Power (detached power supply included):	90-264 VAC, 50/60 Hz
AC Power Connector:	IEC 320-C14 3 pin Male
<b>DISPLAY</b>	
Window (Display Area):	47.62 x 26.78"/ 1209.6 x 680.4 mm
Cabinet Dimensions:	48.339 x 27.673 x 2.619" / 1227.8 x 702.9 x 66.5mm (whd)
Weight:	45 lbs / 20 kg
Mounting / Rack Mounting:	VESAs: 400x200 (M8), 200x100 (M5), 100x100 (M5)
Operating (full spec):	0~+50°C, no condensation, 0~10,000 feet (3,048m)
Storage:	-20~+60°C, no condensation, 0~40,000 feet (12,192m)

08/20/15

