



Model BHB32-HDR: 32" Pro HDR Monitor

- High & Standard Definition Video LCD Monitors 1080/720/576/480
- SMPTE ST 2084 PQ & Hybrid Log Gamma
- Custom LUT import via USB
- Camera Log Conversion
- 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
- 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)
- Supports 10bits 3D LUT (Native, BT.709, SMPTE-C, EBU, NTSC, D-Cinema)
- UMD/IMD Support.
- Closed caption (CEA608 & 708, SDI Only)
- Color Temperature – User, VAR, 11000K, 9300K, 6500K, 5400K, 3200K

SPECIFICATIONS

Active Area (Diagonal):	32"
MODES	
High & Standard Definition Video Modes:	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
PC Video Modes:	EGA, VGA, SVGA, XGA, WXGA, SXGA, WSXGA, UXGA
Standard Definition Video Modes:	NTSC/PAL/SECAM/NTSC4.43/PAL-M
Scanning Modes:	Under/Over/Zero/Pixel to Pixel Scanning
INPUTS	
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)
PICTURE	
Aspect Ratios:	Full Screen, 16:9, 4:3, 14:9, 13:9, 1.85:1, 2.35:1
Picture-in-Picture :	Analog (Composite1, 2, 3, Y.Pb.Pr, GBR, PC) inputs + Digital (DVI, HDMI) + SDI (SDI1, SDI2) inputs & SDI1 + SDI2 input PIP
Picture-by-Picture:	Side by Side split screen display
Pixel (RGB Trio) Arrangement:	1920 H x 1080 V Pixels RGB strip arrangement
Pixel (RGB Trio) Pitch, Depth:	0.36375 mm x 0.36375 mm
Brightness, typical:	400 cd/m ²
Contrast Ratio	1100:1
Color Processor:	10 bit color Processor
Viewing Angle	R/L 178(Typ.), U/D 178(Typ.)
Response Time:	10 ms
CONTROLS	
User Controls:	ST-BY, SDI1~2, ANALOG, SCAN, MARKER, F1 ~6, MENU, SEL/INPUT, UP, DOWN, ADJUST
Remote Controls:	IR, TCP/IP
LIGHT	
Light Source (standard):	Light Emitting Diode (GBR LED)backlight system
LED Life:	30,000 hrs
CONNECTORS	
Video Connectors:	BNC x 2 SDI 2 Channel Input, BNC x 3 Composite, YC(S-Video), Component(YPbPr/RGB) Input, Dual Link
HDMI/DVI Connectors:	DVI-I x 1 DVI & Analog RGB Input, HDMI x 1 HDMI Input
AUDIO Connectors:	RAC x 2 Audio Input
POWER	

DC Power:	24 VDC \pm 10%, 65 watts
DC Connector:	XLR-5M (pin 1=Gnd, pin 4=+volts)
AC Power (detached power supply included):	90-264 VAC, 50/60 Hz
AC Power Connector:	IEC 320-C14 3 pin Male
DISPLAY	
Weight:	27 lbs.
Mounting / Rack Mounting:	VESA (100 x 100/75 x 75)
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)
Available Options:	Rackmount; Stand Included

16 Rancho Circle • Lake Forest, CA 92630 USA • (800) 918-9090 • (949) 465-9911 • Fax: (949) 465-9944 • www.bolandcom.com