

BVM-HX3110

30.5-inch 4K TRIMASTER HX™
Professional Master Monitor



NETWORKED **LIVE** **4K** **SR Live** **HDR**

Specifications

Picture Performance

Panel	α -Si TFT Active Matrix LCD
Picture size (diagonal)	30.5 inches (775.2 mm)
Effective Picture size (H x V)	685.7 x 361.6 mm (27 x 14 1/4 inches)
Resolution (H x V)	4096 x 2160 pixels
Aspect	1.90 : 1(17:9)
Pixel efficiency	99,99%
Display colors	1.07 billion
Panel frame rate	96 Hz / 100 Hz / 120 Hz (96 Hz and 120 Hz are also compatible with 1/1.001 frame rates)
Viewing angle (panel)	89°/89°/89°/89° (up/down/left/right contrast >

specification)	10:1)
Normal scan	0% scan
Underscan	3% underscan
Color temperature	D50, D60, D65, D93, DCI*1, and user 1–10 (5,000 K to 10,000 K adjustable), DCI XYZ
Luminance	4,000 cd/m ² (typical)*2 1,000 cd/m ² (typical)*3
Color space (Color gamut)	ITU-R BT.2020*4, ITU-R BT.709, EBU, SMPTE-C, DCI-P3*4, S-Gamut3*4, S-Gamut3.Cine*4
Transmission Matrix	ITU-R BT.2020 (Non-constant luminance is supported), ITU-R BT.709
EOTF	2.2, 2.4, 2.6, CRT, 2.4 (HDR), S-Log3, S-Log3 (Live HDR), SMPTE ST 2084, ITU-BT.2100 (HLG)
Warm-up time	Approx. 30 minutes To provide stable picture quality, turn on the power of the monitor and leave it in this state for more than 30 minutes.

Input

SDI	(12G/6G/3G/HD-SDI) BNC (x2), (3G/HD-SDI) BNC (x2), Input impedance: 75 Ω unbalanced
HDMI Input	HDMI (HDCP2.3/1.4) (x1)
IP(LAN)*5	SFP28(x2), 25G BASE
Parallel Remote	RJ-45 8-pin (x1) (Fixed pin assignment)
Serial Remote (LAN)	Ethernet, 10BASE-T/100BASE-TX RJ-45 (x1)
USB input	USB (USB2.0) connector (x1)

Output

Enhanced Monitor Output*6	(12G/6G/3G/HD-SDI) BNC (x1), Output impedance: 75 Ω unbalanced
SDI Output	(12G/6G/3G/HD-SDI) BNC (x2), (3G/HD-SDI) BNC (x2), Output impedance: 75 Ω unbalanced
Audio Monitor Output	Stereo mini jack (x1)
Headphone Output	Stereo mini jack (x1)

General

Power requirement	AC 100 V to 240 V, 6.6 A to 2.5 A, 50/60 Hz
Power consumption	Approx. 610 W (max.) 0.3 W In off-mode (When the Power switch is off)
Off Mode Activated	After About 60 Minutes
Operating temperature	0°C to 35°C (32°F to 95°F) Recommended: 20°C to 30°C (68°F to 86°F)
Operating humidity	30% to 80% (no condensation)
Storage / transport temperature	-20°C to +60°C (-4°F to +140°F)
Storage / transport humidity	10% to 80%
Operating / storage / transport pressure	700 hPa to 1060 hPa
Dimensions (W x H x D)	778 x 519 x 230 mm (30 3/4 x 20 1/2 x 9 1/8 inches)
Mass Approx.	29 Kg (63 lb 15 oz)
Supplied accessories	AC power cord (1)AC plug holder (1)Before Using This Unit (1)

Notes

*1	DCI: x=0.314, y=0.351
*2	<p>This luminance value is a typical value at D65 (x, y = 0.3127, 0.329) with a 10% white window. This value is not guaranteed. To avoid irreversible panel damage, an auto brightness limiter is enabled if the total amount of current or screen temperature exceeds the maximum capacity of the BVM-HX3110.</p>
*3	<p>Panel specification (all white signal). This luminance value is typical at D65 (x, y = 0.3127, 0.329) and is not guaranteed.</p>
*4	<p>The BVM-HX3110 does not cover selected color space in full.</p>
*5	<p>Sony OTM-25GSR and OTM-25GLR transceivers, and modules with power consumption of 1.0 W or lower are supported. Copper DAC (Direct Attach Cable) is not supported.</p>

*6

Either BVML-H10, BVML-S10 or BVML-T10 optional license is required.

Related products



BVML-F10

Fast response license for for BVM-HX3110/HX1710/ HX1710N



BVML-SN10

SNMP license for for BVM-HX3110/HX1710N



BVML-T10

3D LUT output license for BVM-HX3110/HX1710/HX1710N



BVML-S10

Signal conversion output license with a 3D LUT feature for BVM-HX3110/ HX1710/ HX1710N



BVML-H10

HDR-SDR conversion license for BVM-HX3110/ HX1710/ HX1710N



BVML-JD10

JPEG XS decoder license for for BVM-HX3110/HX1710N

Gallery

