

# SONY

## BVM-X300

4K OLED Master Monitor



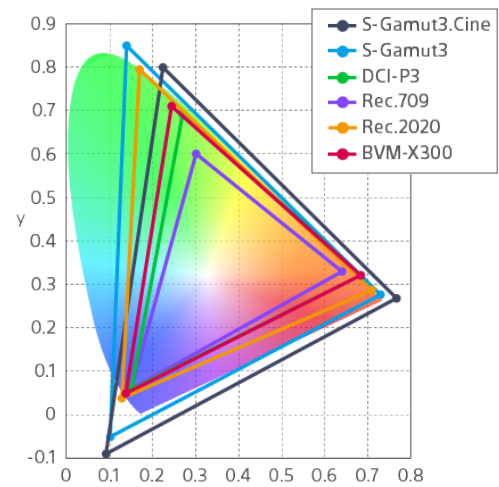
## TRIMASTER EL 4K

30" 4K OLED Reference Monitor - For Color Critical, Quality Control Operation of HDR/SDR 4K&HD production

### Main Features

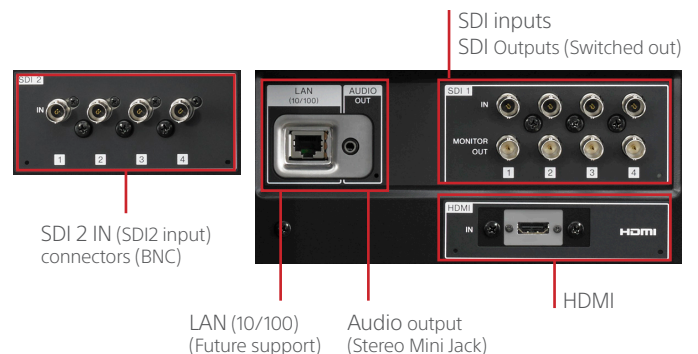
- BVM Grade OLED Panel
- Full 4K 4096 x 2160 Pixel Resolution
- Accurate black and color reproduction
- Extremely wide viewing angle
- Supports DCI P3 and ITU-R BT.2020 wide color spaces<sup>\*1</sup>
- Gamut Marker (ITU-R BT.2020 colors outside 709 or DCI-P3)
- Auto White Adjustment
- Quick input setting recall (Color space, EOTF, etc.)
- Quick Response
- High Dynamic Range (S-Log 3, S-Log 3(Live HDR)<sup>\*2</sup>, ITU-R BT.2100(HLG)<sup>\*3</sup>, SMPTE ST.2084)
- Sony S-Log Gamma Support
- Multi-format capability
- New Input Setting recall (Input, Color and Luminance setting)<sup>\*4</sup>
- Flexible Marker<sup>\*4</sup> and Area & Aspect Marker
- Versatile 4K/QFHD Input Capability
- 3G-SDI Quad-link up to 4096 x 2160/48p 50p 60p, YCbCr 4:2:2 10-bit
- HD-SDI Dual-link and 4K/2K XYZ signals
- Faster access to the status menu page<sup>\*2</sup>
- Relative Contrast 1/2, 1/3, 1/4<sup>\*2</sup>
- HDMI<sup>\*2</sup>
- Flicker free mode
- Interlace mode
- Time code display<sup>\*4</sup>
- Power-on Setting
- User Presets
- Password Lock for User Preset
- Key Inhibit
- User-friendly Built-in Control Pane
- BKM-16R and BKM-17R control

### Supports DCI P3 and ITU-R BT.2020 Wide Color Spaces



### HDMI (HDCP2.2) and 3G-SDI Quad-link up to 4096 x 2160/48p 50p 60p, YCbCr 4:2:2 10-bit

#### Rear connector panel



<sup>\*1</sup> The BVM-X300 does not cover the BT.2020 color space in full.

<sup>\*2</sup> Supported from V.2.0.

<sup>\*3</sup> Changed from V.2.1.

<sup>\*4</sup> Supported from V.2.2.

# Specifications

Picture Performance	
Panel	OLED panel
Picture size (diagonal)	750.2 mm (29 1/2 inches)
Effective Picture size (H x V)	663.6 x 349.9 mm (26 1/4 x 13 7/8 inches)
Resolution (H x V)	4096 x 2160 pixels
Aspect	17 : 9 (1.89 : 1)
Pixel efficiency	99.99%
Panel drive	10-bit
Panel frame rate	48 Hz / 50 Hz / 60 Hz (48 Hz and 60 Hz are also compatible with 1/1.001 frame rates)
Viewing angle (panel specification)	89°/89°/89°/89° (typical) (up/down/left/right contrast > 10:1)
Color temperature	D55, D61, D65, D93, DCI*5, and user 1-5 (5,000 K to 10,000 K adjustable), DCI XYZ
Standard luminance	100 cd/m <sup>2</sup> (100% white signal input)
Color space (color gamut)	ITU-R BT.2020*1, ITU-R BT.709, EBU, SMPTE-C, DCI-P3, BVM-X300 Native*6, S-GAMUT3, S-GAMUT3.cine
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 (HDR), S-Log3 (Live HDR), S-Log2 (HDR), SMPTE ST 2084, RGB(SG 1.2), ITU-BT.2100(SG 1.2)
Input	
SDI (3G/HD)	BNC (x4) Input impedance: 75 ohms unbalanced
HDMI	HDMI(HDCP2.2) (x1)
Serial remote (LAN)	Ethernet (10BASE-T/100BASE-TX), RJ-45 (x1)
Output	
SDI (3G/HD)	BNC (x4), switched out*7 Input impedance: 75 ohms unbalanced
Audio monitor	Stereo mini jack (x1)
Headphones	Stereo mini jack (x1)
General	
Power requirement	AC 100 V to 240 V, 2.8 A to 1.2 A, 50/60 Hz
Power consumption	Approx. 280 W (max.) Approx. 150 W (average power consumption in the default status)
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 85% (no condensation)
Storage / transport temperature	-20°C to +60°C (-4°F to +140°F)
Storage / transport humidity	0% to 90%
Operating / storage / transport pressure	700 hPa to 1060 hPa
Dimensions (W x H x D)	742.4 x 479.5 x 205 mm (29 1/4 x 19 x 8 1/8 inches)
Mass	16.2 kg (35 lb 12 oz)
Supplied accessories	AC power cord (1), AC plug holder (1), CD-ROM (1), Before Using This Unit (1), HDMI cable holder (1), European Representative (1)

\*1 The BVM-X300 does not cover the BT.2020 color space in full.

\*5 DCI: x=0.314 y=0.351

\*6 The BVM-X300 individual chromaticity points. The widest color space setting of the signal is reproduced by the BVM-X300.

\*7 The last selected SDI form SDI 1 or SDI 2 input signal are output.

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Features, design, and specifications are subject to change without notice.  
The values for mass and dimension are approximate.