



# 55" HDR 8K Monitor **OBM - U558K**

12G-SDI Single Link 4K (2-S.I. / Square mode)  
6G-SDI Dual Link 2-S.I. 4K (SDI & SFP)  
3G-SDI Quad Link Square Division & 2-S.I. 4K  
Dual SFP Module Inputs (ST 2022-6, 3G)  
Panel Resolution 3840 x 2160(16:9)  
10bit / 1.073B Colors(8bit+2bit FRC)  
Custom 3D LUT File Import  
500cd/m<sup>2</sup>



The OBM-U558K is the high grade HDR 8K monitor, designed for professional production and post production work. This new monitor offers the color reproduction and the unique and advanced features. The OBM-U558K also supports various HDR gamma curves, such as PQ, HLG, S-Log3.

The OBM-U558K features wide viewing angle IPS panel, 3840 x 2160 / 16:9 aspect ratio, 500cd/m<sup>2</sup>, wide color gamut, custom 3D LUT import, which make it ideal for 4K/8K live production, versatile monitoring and field production applications.

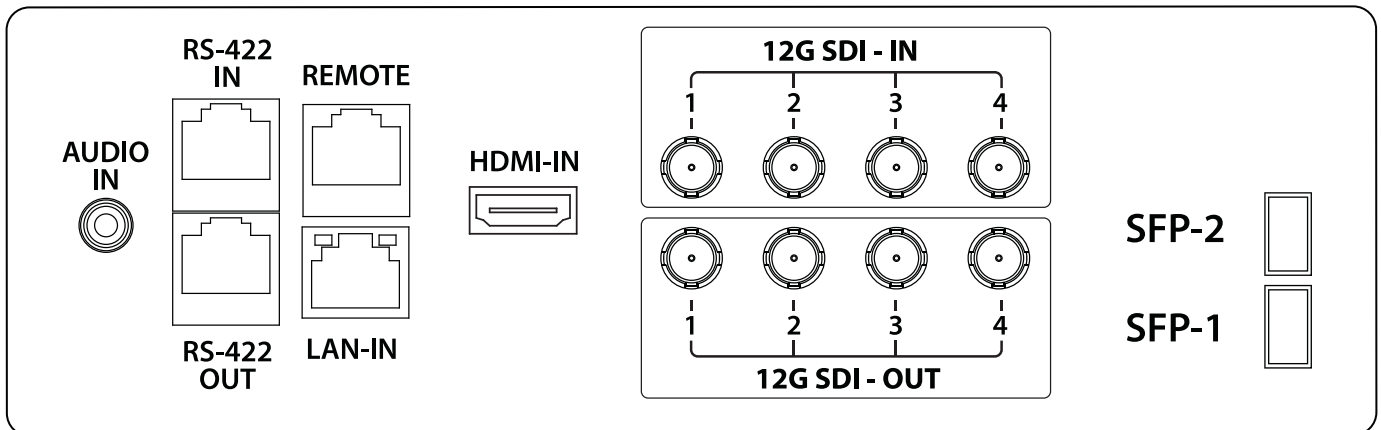


POSTIUM KOREA Co., Ltd.  
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Product Highlights

- 12G SDI Quad Link 8K / 12G-SDI Single Link 4K
- 6G-SDI Dual Link 2-S.I. 4K
- 3G-SDI Quad Link Square Division 4K / 3G-SDI Quad Link 2-Sample Interleave (2-S.I.) 4K
- Dual SFP Module Inputs (ST 2022-6 Support)
- HDMI 2.0 Input
- HDR(High Dynamic Range) Display supporting PQ (ST 2084), Hybrid Log Gamma, S-Log3
- Wide Color Gamut Supporting ITU-R BT.709, SMPTE-C, EBU, Native, DCI-P3, ITU-R BT.2020
- Internal color processing 72bit(24bitx3) + Native 33x33x33 30bit 3D-LUT
- 1.073 Billion Colors
- Gamut Error
- Black stretch
- Camera Log Conversion
- Custom 3D LUT file Import Through USB
- Gamma Selection (1.0 ~ 3.0)
- SDR EOTF - BT.1886 (Gamma 2.4)
- Color Temperature (3200K, 5500K, 6500K, 9300K, USER 1/2/3, D-CINEMA)
- Monitor Control via Ethernet, RS-422
- Image Division & Link Order Auto Detection
- Waveform, VectorScope (Wave + Vector)
- HDR Waveform
- Various Markers (EBU, 4:3, 16:9, 1.85:1, 2.35:1, Variable Custom)
- Zero Scan
- Time Code Display
- De-embedded 8~16ch Audio Level Meter
- Internal Pattern Display for Color Test (Black ~ 100% White, Color Bar)
- Remote Control via GPI(RJ-45) Port
- False Color : Zebra, Color Pattern, ARRI
- Easy Firmware Update by USB
- System Data Copy
- H/V Delay
- Blue/Mono Only
- Focus Assist
- 3 Color TALLY Lamp
- HDR Auto Setting
- Aspect
- Freeze

Parts and Controls

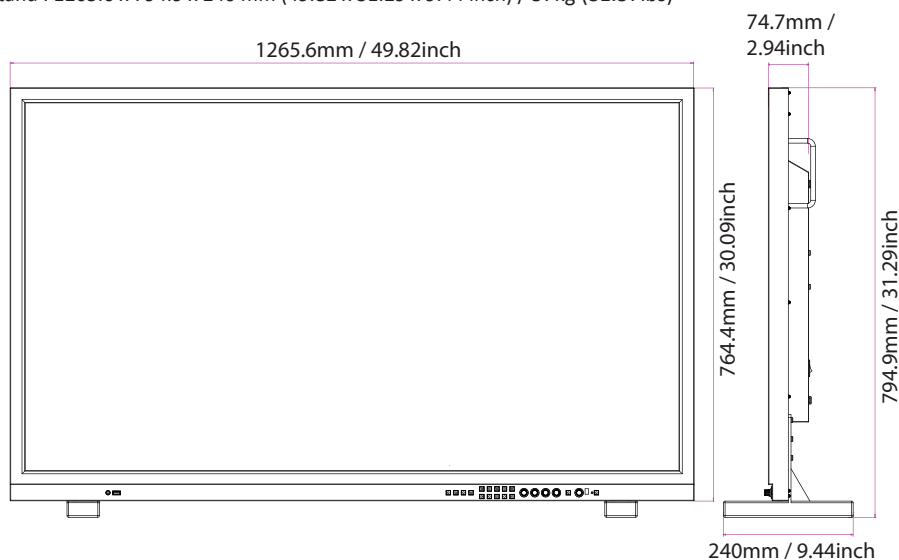


## Specifications

ITEM		OBM-U558K
Input	4 x BNC	12G/6G/3G/HD
	1 x HDMI	HDMI 2.0
	2 x SFP	2 X SFP
Output	4 x BNC	12G/6G/3G/HD/4 Active Loop Output
Input Signal Format	SMPTE ST 2082-12(12G Quad 8K)	4320p(60/59.94/50)
	SMPTE ST 2082-10(12G Single)	2160p(60/59.94/50/30/29.97/25/24/23.98)
	SMPTE ST 2081-11(6G Dual)	2160p(60/59.94/50)
	SMPTE ST 2081-10(6G Single)	2160p(30/29.97/25/24/23.98)
	SMPTE ST 425-5(3G Quad 4K)	2160p(60/59.94/50/30/29.97/25/24/23.98)
	SMPTE ST 425-AB	1080p(60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF) / 1080i (60/59.94/50)
	SMPTE ST 274	1080p(30/29.97/25/24/23.98/24sF/23.98sF)
		1080i (60/59.94/50)
	SMPTE ST 296	720p(60/59.94/50)
	SMPTE ST 260	1920 x 1035i(60/59.94)
	SMPTE ST 2048	2048 x 1080p(24/23.98/24sF/23.98sF)
	HDMI 2.0	~ 2160p(60)
SFP	12Gbps, 6Gbps, 2.970Gbps, 1.485Gbps, 270Mbps	
Audio In/Out	1 x Phone Jack In	Line In(Stereo)
	1 x Phone Jack Out	H/P Out(Front, Stereo)
Display	Size	55" LCD
	Resolution	3840 x 2160 (16:9)
	Pixel Pitch	0.315mm
	Color	1.073B Colors(8bit+2bit FRC)
	Viewing Angle	178(H), 178(V)
	Luminance of White	500cd/m <sup>2</sup>
	Contrast	4000 : 1
Display Area (H x V)	1209.6 x 680.4 (mm)	
General	2 x Ethernet	Control/Update, RJ-45P Input / Output
	1 x GPIO	GPI-7 Port, RJ-45P Jack
	2 x Serial	RS-422 Jack, RJ-45P Input / Output
	1 x USB	For Firmware Update, Color Calibration
	Power Requirements	AC(100-240V, 50/60Hz)
	Power Consumption	220W
	Operating Temperature	0°C ~ 40°C(32°F~104°F)
	Operating Humidity	20% ~ 80% RH
	Weight(With Stand)	37kg / 81.57lbs
	Dimensions (WxHxD)	1265.6 x 794.9 x 240mm (with stand)
	(With Stand)	49.82 x 31.29 x 9.44inch
	Accessories	Power Cable
Option	Wall Mount Kit / Carrying Case	

--Main Body : 1265.6 x 764.4 x 74.7 mm (49.82 x 30.09 x 2.94 inch) / 34.8kg (76.72lbs)

--With Stand : 1265.6 x 794.9 x 240 mm (49.82 x 31.29 x 9.44 inch) / 37kg (81.57lbs)



\* Specifications are subject to change without prior notice for the product quality improvement.