

# **HD HDR** **24" Wide Gamut QC-Grade LCD Monitor** **OBM - N240G**

*Wide-gamut (DCI-P3) 1920x1200*  
*3G-SDI x 2 Input*  
*1.073 Billion Colors(10bit Color Depth)*  
*3D-LUT for Accurate Color Reproduction*  
*Camera Log Conversion*  
*Custom 3D LUT File Import*



The OBM-N240G utilizes a 24" wide-gamut (DCI-P3) 1920x1200 LCD and offers capable and affordable HD – HDR monitoring for color-critical desktop editing applications. The OBM-N240G offers the superior picture quality and wide viewing angle, and includes an array of professional features and the advanced audio & video signal analysis functions including Waveform, Vector Scope, Audio Level Meter, IMD, Camera Log Slection, Custom 3D LUT Import, Focus Assist, etc. The OBM N series are equipped with various I/O interfaces such as 3G-SDI, HDMI, Component, Composite, DVI.



**POSTIUM KOREA** Co., Ltd.  
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# HD HDR 24" Wide Gamut QC-Grade LCD Monitor OBM-N240G

## Product Highlights

- 3G/HD/SD-SDI 2 Channel
- HDR(High Dynamic Range) Display supporting PQ EOTF(ST 2084), Hybrid Log Gamma, S-Log3
- 3D-LUT for Accurate Color Reproduction
- SDR EOTF - BT.1886 (Gamma 2.4)
- 1.064 Billion Colors
- Camera Log Conversion
- Camera Log Mapped SDI Loopout
- Custom 3D LUT File Import Through USB
- Gamma Selection (1.0 ~ 3.0)
- Color Temperature(3200K, 5500K, 6500K, 9300K, USER 1/2/3, D-CINEMA)
- Compare Color Settings (Side by Side)
- Waveform, VectorScope  
(Wave + Vector, Waveform Wide, Position Change, Size Adjustment)
- Monitor Control via Ethernet, RS-422
- Various Markers (EBU, 4:3, 16:9, 1.85:1, 2.35:1, Variable etc.)
- Internal Patterns Display for Color Test (Black ~ 100% White, Color Bar)
- Time Code Display (Position / Size Selection)
- Easy Firmware Update by USB
- HDR & Camera Log Comparison
- Fast Mode
- Focus Assist
- HDR Waveform
- Zero Scan / 1:1 Scan
- H/V Delay
- Blue/Mono Only
- IMD
- De-embedded 8~16ch Audio Level Meter
- Remote Control via GPI(RJ-45) Port
- Gamut Error
- False Color(Zebra, Color Pattern, ARRI)
- 3 Color TALLY Lamp
- Rack & VESA Mount (Option)
- Closed Caption(608, 708)
- System Data Copy
- Key Lock & Password Lock
- Aspect
- Freeze

## Parts and Controls



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

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## Specifications

ITEM	OBM-N240G	
Input	2 x BNC	3G/HD/SD-SDI-1/2
	1 x HDMI	HDMI 1.3a
	3 x BNC (YPbPr)	Analog(YPbPr)
	1 x BNC (CVBS)	Composite
	1 x DVI	DVI-D
Output	2 x BNC	3G/HD/SD-SDI-1/2
Input Signal Format	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)
	SMPTE ST 125	480i(59.94)
	ITU-R BT.656	576i(50)
	HDMI	~ 1080p(60)
DVI-D	VESA/IBM Modes	
Audio In/Out	1 x Phone Jack In	Line In(Stereo)
	1 x Phone Jack Out	H/P Out(Front, Stereo)
	2 x Speaker Out	Stereo
Display	Size	24" LCD
	Resolution	1920 x 1200 (16:10)
	Pixel Pitch	0.270 (mm)
	Color	1.073B Colors
	Viewing Angle	178(H), 178(V)
	Luminance of White	400cd/m <sup>2</sup>
	Contrast	1500 : 1
	Display Area (H x V)	518.4 x 324.0 (mm)
General	1 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(100-230V,50/60Hz)/DC12V
	Power Consumption	Max 40W
	Operating Temperature	0 ~ 40°C(32°F~104°F)
	Operating Humidity	20 ~ 80% RH
	Weight	10.5kg/23.14lbs
	Dimensions(with stand)	602 X 428 X 140 mm
		23.70 x 16.85 x 5.51inch
	Accessories	Power Cable
	Option	Rack Mount Kit / Carrying Case / Sun Hood / Acrylic Protector / V-Mount

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## Dimensions(mm)

### Dimensions

- Main Body : 565 x 405.6 x 76.8 mm  
22.24 x 15.96 x 3.02 inch
- With Stand : 602 x 429 x 140 mm  
23.70 x 16.88 x 5.51 inch

### Weight

- Main Body : 9.7kg / 11.38lbs
- With Stand : 10.5kg / 23.14lbs

