

**HD HDR**

**18.5" Outstanding Picture Quality**

**OBM-N180**

*3G-SDI x 2 Input*

*1.064 Billion Colors*

*3D-LUT for Accurate Color Reproduction*

*Camera Log Conversion*

*Custom 3D LUT File Import*

*Panel Resolution 1920x1080*



The OBM-N180 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 18.5" Outstanding Picture Quality OBM-N180

## 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.

# HD HDR 18.5" Outstanding Picture Quality OBM-N180

## Specifications

ITEM	OBM-N180		
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	
	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)	
Input Signal Format	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	18.5" LCD	
	Resolution	1920 x 1080 (16:9)	
	Pixel Pitch	0.213mm	
	Color	1.064B colors(8bit+2bit FRC)	
	Viewing Angle	178(H), 178(V)	
	Luminance of White	500cd/m <sup>2</sup>	
	Contrast	1000 : 1	
	Display Area (H x V)	408.96 x 230.04 (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	6.7kg/14.77lbs	
	Dimensions(with stand)	471 x 335 x 120mm	
		18.54 x 13.18 x 4.72inch	
	Accessories	Power Cable	
	Option	Rack Mount Kit / Carrying Case / Sun Hood / Acrylic Protector / V-Mount	

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## Dimensions(mm)

### Dimensions

- Main Body : 436 x 310 x 81 mm  
17.16 x 12.20 x 3.18 inch
- With Stand : 471 x 332 x 120 mm  
18.54 x 13.07 x 4.72 inch

### Weight

- Main Body : 5.5kg / 12.12lbs
- With Stand : 6.7kg / 14.77lbs

