

HD HDR

42" Outstanding Picture Quality

OBM-N420

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-N420 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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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 42" Outstanding Picture Quality OBM-N420

Specifications

| ITEM | | OBM-N420 |
|---------------------|-----------------------|---|
| Input | BNC (SDI) | 2 x 3G/HD/SD-SDI-1/2 |
| | HDMI® | 1 x HDMI® 1.3a |
| | BNC (YPbPr) | 3 x Analog(YPbPr) |
| | BNC (CVBS) | 1 x Composite |
| | DVI | 1 x DVI-D |
| Output | BNC (SDI) | 2 x 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) |
| Audio In/Out | DVI-D | VESA/IBM Modes |
| | 1 x Phone Jack In | Line In(Stereo) |
| | 1 x Phone Jack Out | H/P Out(Front, Stereo) |
| Display | 2 x Speaker Out | Stereo |
| | Size | 42" LCD |
| | Resolution | 1920 x 1080 (16:9) |
| | Pixel Pitch | 0.484mm |
| | Color | 1.064B colors(8bit+2bit FRC) |
| | Viewing Angle | 178(H), 178(V) |
| | Luminance of White | 700cd/m ² |
| | Contrast | 4000 : 1 |
| General | Active Area (H x V) | 930.24 x 523.26 (mm) |
| | 1 x Ethernet | Control/Update, RJ-45 Input |
| | 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) |
| | Power Consumption | Max 156W |
| | Operating Temperature | 0 ~ 40°C(32°F~104°F) |
| | Operating Humidity | 20 ~ 80% RH |
| | Weight | 32kg/70.54lbs |
| | Dimensions | 988.2x639.4x210mm / 38.90 x 25.17 x 8.26inch |
| | Accessories | Power Cable |
| | Option | Wall Bracket |

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

Dimensions(mm)

Dimensions --Main Body : 988.2 x 609 x 70.1 mm
(38.90 x 23.97 x 2.75 inch)
--With Stand : 988.2 x 639.4 x 210 mm
(38.90 x 25.17 x 8.26 inch)

Weight --Main Body : 30kg / 66.13lbs
--With Stand : 32kg / 70.54lbs

