



HIGH-QUALITY VIDEO.

FOR ALL CRITICAL MOMENTS.

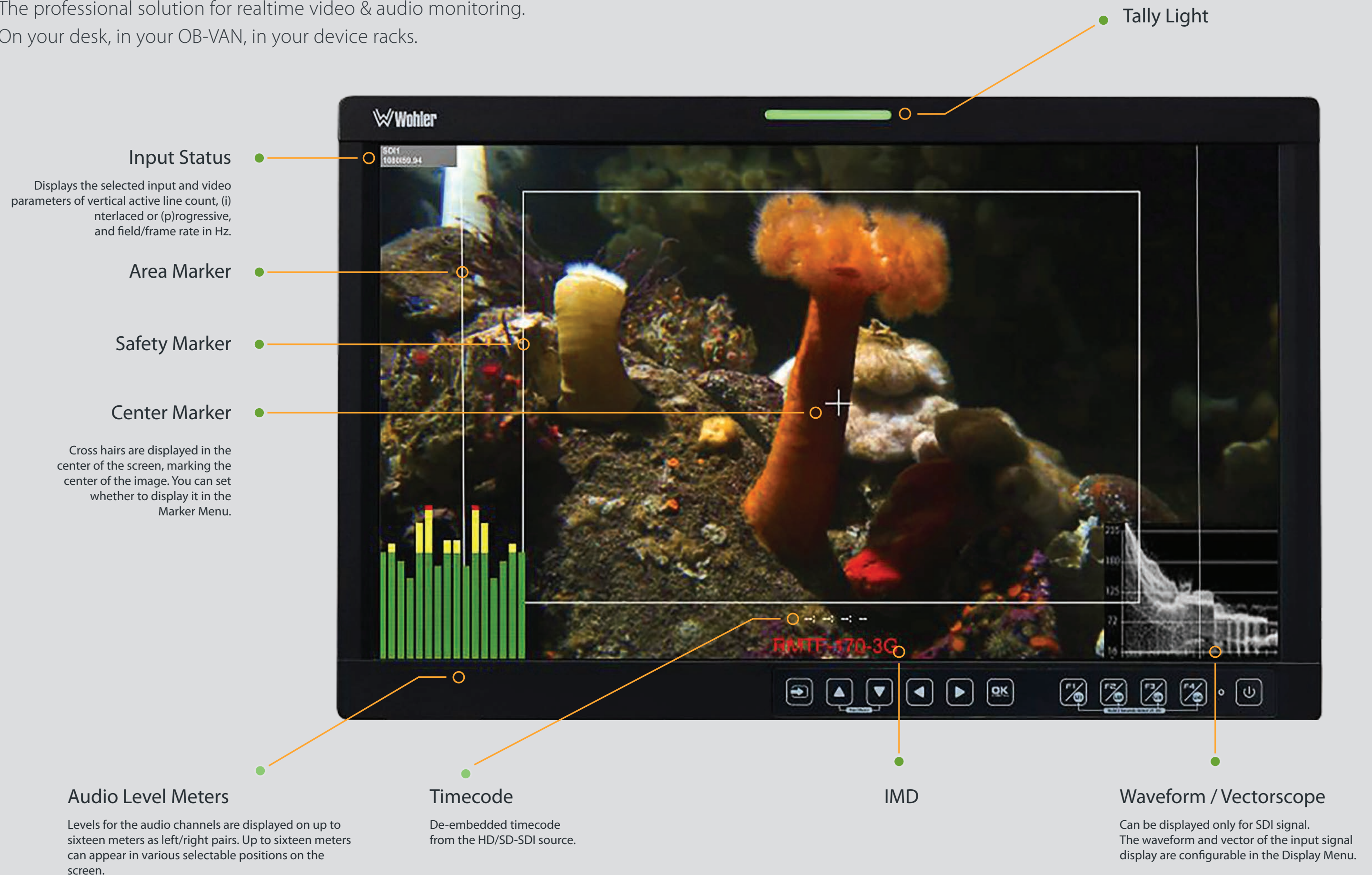


VIDEO MONITORS

RM SERIES / vMON SERIES

You need to see this.

The professional solution for realtime video & audio monitoring.
On your desk, in your OB-VAN, in your device racks.



HDM-215-3G-TT

SKU: 8001-0500

FULL HD SD

21.5 INCH

8 Bit
16.7M Colors

16:9
1920 x 1080

3G-SDI
2x INPUT

HDMI
INPUT

Composite
2x INPUT

ANALOG
2x AUDIO INPUT
CVBS



- STEREO

DUAL SPEAKER
- HEADPHONES
OUT (STEREO)
- IPS

Active color matrix
amorphous LCD with
LED Backlight
- OSD Audio Level Meters
4-16 for De-Embedded,
2 for Analog

The dual split screen on a Tabletop Stand, LED-backlit LCD is a high-performance professional monitor that supports advanced 12-bit digital processing technology. The monitor features 3D comb filter, de-interlace, accurate scaling engine, GAMMA correction and color temperature adjustment.

The monitor can be configured as a dual split display, a large screen with one smaller view, or as a single large display screen. It is ideally suited for use in news and transmission control rooms, program production, channel branding and any environment that requires intensive monitoring.

The device accepts up to 2 channels of 3G/HD/SD-SDI, CVBS, Component signals or HDMI input. Waveform, vectorscope, and audio de-embedding are provided for SDI. In-picture features also included metering of up to 16 channels, UMD, format display and various markers. Select any embedded or analog pair to send to the speakers, headphones, and line out per menu for each video input.

RMTF-170-3G

SKU: 8001-0420

FULL HD SD

17.3 INCH

10 Bit
262K Colors

16:9
1920 x 1080

3G-SDI
2x IN/1x OUT

HDMI
INPUT

ANALOG
2x AUDIO INPUT
CVBS



- MONO

SPEAKER
- HEADPHONES
OUT (STEREO)
- IPS

LCD with
LED Backlight
- OSD Audio Level Meters
4-16 for De-Embedded,
2 for Analog

The RMTF-170-3G – with Table Top (TT) or Rack Mount (RM) options – monitors set a new standard in LCD monitors for broadcast and professional video applications. They provide a 17 inch, 10 bit, 1920 x 1080 resolution, 16:9 format, anti-glare IPS LCD screen. All video formats are scaled to fit on the screen in the highest quality using 12 bit digital processing, precision scaling, and gamma correction to produce the best images possible. When used outdoors, an optional Sun Shade (part number 829201) is available for the RMTF-170-3G-TT tabletop monitor. A standard XLR-4F connector can plug into the XLR-4M connector to supply 11 to 17 VDC at 3A to the product as an alternative to AC power.

This light monitor comes with in-monitor display features including IMD, Tally, timecode, in-screen audio level metering, format display, and area/title safe markers. The RMTF also provides a host of audio tools including 16-channel level metering and built-in speaker monitoring of its dual stereo analog inputs or SDI embedded audio. Stand or rack-mount configurations available.

Sun Shade - 17.3": SKU 829201

VU or PPM or both	250 ^{cd} /m ²	1000:1	30 ^W	7.3 ^{kg} / 5.9 ^{kg}	475 ^{mm} x 267 ^{mm}
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT/NET	DISPLAY SIZE

- Simultaneously monitor two display screens and control each image independently.
- User-defined hot key functionality for either H/V delay, underscan, on-screen display, and more.
- 2 to 16 OSD meters, 16 channels SDI, 2 pairs analog.
- Tally and on-screen labeling provide quick and easy signal identification.
- CRT-style image controls allow video image enhancement for each screen individually.

FEATURES

- Supports multi-format analog and digital audio signals
- Allows adjustment of the parameters for each screen
- Provides high-quality waveform or vector monitoring for SDI
- User-adjustable color temperatures with presets.
- CRT-style image controls allow video image enhancement for each screen individually.

VU or PPM or both	300 ^{cd} /m ²	700:1	14 ^W	3 ^{kg}	6 RU
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	NET WEIGHT	SIZE

- Full-HD resolution 1920 x 1080 display
- Multi-format 3G/HD/SD-SDI, HDMI & DVI, composite, Y/C and component video inputs
- Waveform and Vectorscope display
- Tally and on-screen labeling provide quick signal identification
- Classic CRT-style image controls allow video image enhancements
- In-picture audio level metering
- Safe area and title markers
- Gamma color calibration
- Headphone and speaker outputs
- User-defined function buttons
- Intuitive on-screen user menus
- DC Power connector for use with battery pack
- Dual purpose USB connector – used to load a camera look up table (LUT) or software upgrades

RM-2443WS-3G

SKU: 8001-0340

FULL HD SD

- 4x 4.3
INCH
- 10 Bit
16.7 M Colors
- 16:9
800x480 per panel
- 3G-SDI
BNC INPUT per Panel

RM-2443WS-3G2

SKU: 8001-0345

FULL HD SD

- 3G-SDI
DUAL IN BNC PER PANEL



The RM Series is a full-featured, low-cost range of in-rack 3G/HD/SD-SDI and CVBS video monitors ideal for the many feeds in mobile trucks, news and transmission control rooms, duplication, and post production applications.

These monitors come standard with in-monitor level metering, selectable video waveform and vectorscope, safe and title markers, labeling, tally, timecode, video format, and built-in color bars, as well as familiar CRT-style picture controls and an intuitive on-screen configuration menu.

Input signals are automatically detected and up to 8 of the 16 audio channels embedded in an HD/SD-SDI bitstream may be selected for visual monitoring on 8 on-screen bar graph style level meters on the 3G and 3G2 models. A headphone jack provides audible stereo monitoring of selected left and right channels.

Each of the four high-resolution LCD screens display high-definition or standard-definition video at either 16:9 or 4:3 aspect ratio. Parameters are selected and adjusted using an on-screen display menu.

On-Screen Display Features

Functions and parameters can be selected and adjusted using the On Screen Display (OSD) Menu. Refer to the OSD Menus section of this chapter. Overlays can be added by the operator for Area & Safety Markers, Center Marker, and to display names as IMD (In Monitor Display) for identification.

Video effects such as Monochrome, Blue Only, Focus Assist, H/V Delay and other features can be used to assist setup. Overscan, Underscan and Native modes control scaling and size of the video. Audio level meter displays, for up to sixteen channels, can be displayed vertically or horizontally, positioned at various corners of the display. They can show VU, PPM (PK) or both with assignable -20db to -18db reference levels.

Waveform (Y or Line) or Vectorscope can be small (as shown) or full screen sizes. Closed Captions from CVBS Line 21 (CEA-608) can be decoded and text is displayed across the screen bottom. The 'CC' logo at screen top center indicates captions are present in the SDI stream.

The de-embedded Timecode from the HD/SD-SDI source displays on the lower part of the screen. Choose LTC, VITC or D-VITC types in the Display Menu.

VU or PPM or both	300 ^{cd/m2}	400:1	35 ^W	2.5 ^{kg}	H 483 ^{mm} x V 89 ^{mm}	2 RU
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	NET WEIGHT	SIZE	SIZE

- On-screen level meters provide confidence audio monitoring.
- Tally and on-screen labeling provide quick and easy signal identification
- CRT-style image controls allow video image enhancement for each screen individually
- User defined hot key functionality provides either H/V delay, underscan, on-screen display, and more

FEATURES

- In-picture waveform, and vectorscope display
- Labelling, tally, timecode, detected video format, safe area and title markers display
- On-screen image calibration controls
- Gamma color calibration
- Built-in color bars
- User-defined function buttons
- Intuitive on-screen menu

TALLY LIGHTS

These tri-color (red/green/amber) lights are controlled through a RJ45 connector on the rear panel. For more information about the RJ45 connector. When first connected to power, the Tally Lights glow amber until the unit is ready for operation.

vMON-170-4K

SKU: 8006-0200

4K 60p

17.3 INCH 12 Bit LED 1.07B Colors 16:9 UHD 3840 x 2160 12G-SDI 2x IN / 2x OUT 3G-SDI 2x IN / 2x OUT HDMI INPUT SDI SFP+ FIBER MODULE



- STEREO DUAL SPEAKERS
- HEADPHONES OUT (STEREO)
- IPS LCD with LED Backlight
- OSD Audio Level Meters 16 channels (16x Audio in via SDI)

Fully featured, slim and cost effective 17” free standing 4K/8K video monitors with on-screen audio level meters, quad split, waveform, and histogram.

The monitor comes standard with in-monitor level metering, selectable video vectorscope/histogram, safe area and aspect ratio markers, IMD labeling, tally, and built-in color bars, as well as a variety of picture controls and productive video features such as zoom controls and focus assist. The vMON-170-4K is a 17” 4K HDR monitor with 2x12G/6G/3G/HD/SD-SDI and 2x3G/HD/SD-SDI inputs and outputs. It supports a large variety of professional broadcasting features such as Quad Split, Waveform, Histogram, Darkness Check, making vMON-170-4K a brilliant 17 inch monitor in 4K production workflow. All standard frame rates and resolutions are supported from 12G-SDI, 6G-SDI, 3G-SDI, and HDMI input sources, and each SDI input has a looping output. Up to 16 audio channels may be selected for visual monitoring using on-screen bar graph style level meters. Monitoring speakers on the front panel allow the selected screen to be audibly monitored, while a 3.5mm headphone jack provides optional private monitoring.

Rackmount Kit fixed position: SKU 790050
Rackmount Kit with tilt feature: SKU 790051

VU or PPM or both	400 ^{cd/m2}	1500:1	50 ^W	7 ^{kg} / 5.4 ^{kg}	382.8 ^{mm} x 215.4 ^{mm}
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT/NET	DISPLAY SIZE

- 12G/6G/3G/HD/SD-SDI auto detect / 4K 12G-SDI single link signal, 4K Quad link 2 Sample Interleave (2SI), Square Division (SQD)
 - Free Quad-View (border control/window adjustment), 4 x SDI/HDMI mixed inputs & frequency rates
 - 16 ch Embedded Audio Level Meters
 - 4K HDR Waveform, Vector Scope, Marker/Box Control Function
 - Picture Flip, Focus Assist, False Color, Zebra
 - Full Scan, Over Scan, Blue/Mono Only, Key Lock, Video Freeze
 - SDR and HDR comparison, Darkness Check
 - Color Space & EOTF Curves Auto Sensing, matching (REC709/REC2020)
 - Color Space (REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/Bypass)
- HDR: PQ (ST2084), HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5)
 - Sony Camera Log Curves: Slog, Slog2, Slog3
 - Canon Camera Log Curves: Clog, Clog2, Clog3
 - ARRI Camera Log Curves: LogC
 - Panasonic Camera Log Curves: Vlog, Vlog (softroll)
 - Gamma (2.0, 2.2, 2.4, 2.6), HDR Area Display
 - 3D LUT Color calibration with ColourSpace & CalMAN
 - 3rd party 3D LUT files import (USER1/USER2)
 - Eight Selectable Scene Settings
 - Dynamic and Static UMD/IMD Display (TSL3.1/4.0/5.0)
 - 608/708 CC Closed Caption
 - GPI (selectable/markable windows)

vMON-170-8K

SKU: 8006-0300

8K 60p

17.3 INCH 12 Bit 1.07B Colors 16:9 3840 x 2160 12G-SDI 4x IN / 4x OUT HDMI INPUT SDI SFP+ FIBER MODULE



- STEREO DUAL SPEAKERS
- HEADPHONES OUT (STEREO)
- IPS LCD with LED Backlight
- OSD Audio Level Meters 16 channels

Fully featured, slim and cost effective 17” free standing 8K video monitor with on-screen audio level meters, quad split, waveform, and histogram.

The monitor comes standard with in-monitor level metering, selectable video vectorscope/histogram, safe area and aspect ratio markers, IMD labeling, tally, and built-in color bars, as well as a variety of picture controls and productive video features such as zoom controls and focus assist. The vMON-170-8K is a 17” 8K HDR monitor with 4x12G/6G/3G/HD/SD-SDI inputs and outputs and an integral HDMI 2.0 interface. It supports up to 8192x4320 60P signals. 3D LUT color calibration with a Klein K10 probe provides an excellent picture quality. The vMON-170-8K is suggested for high-end 8K, 4K and FHD outside shooting, production, studio and OB van applications. All standard frame rates and resolutions are supported from 12G-SDI and HDMI input sources, and each 12G-SDI input has a looping output. Up to 16 audio channels may be selected for visual monitoring using on-screen bar graph style level meters. Monitoring speakers on the front panel allow the selected screen to be audibly monitored, while a 3.5mm headphone jack provides optional private monitoring.

VU or PPM or both	400 ^{cd/m2}	1500:1	50 ^W	7 ^{kg} / 5.4 ^{kg}	382.8 ^{mm} x 215.4 ^{mm}
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT/NET	DISPLAY SIZE

- 3840 x 2160 4K resolution, Supports 8K SDI signals at 8192 x 4320 resolution
 - 4K 12G-SDI single link signal, 4K/8K Quad link 2 Sample Interleave (2SI), Square Division (SQD)
 - Free Quad-View (border control/window adjustment), 4 x SDI/HDMI mixed inputs & frequency rates
 - 16 ch Embedded Audio Level Meters
 - 4K HDR Waveform, Vector Scope, Marker/Box Control Function
 - Picture Flip, Focus Assist, False Color, Zebra
 - Full Scan, Over Scan, Blue/Mono Only
 - Key Lock, Video Freeze
 - SDR and HDR comparison, Darkness Check
 - Color Space & EOTF Curves Auto Sensing, matching(REC709/REC2020)
- Color Space (REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/Bypass)
 - HDR: PQ (ST2084), HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5)
 - Sony Camera Log Curves: Slog, Slog2, Slog3
 - Canon Camera Log Curves: Clog, Clog2, Clog3
 - ARRI Camera Log Curves: LogC
 - Panasonic Camera Log Curves: Vlog, Vlog (softroll)
 - Gamma (2.0, 2.2, 2.4, 2.6), HDR Area Display
 - 3D LUT Color calibration with ColourSpace & CalMAN
 - 3rd party 3D LUT files import (USER1/USER2)
 - Eight Selectable Scene Settings
 - Dynamic and Static UMD/IMD Display (TSL3.1/4.0/5.0)
 - 608/708 CC Closed Caption
 - Firmware upgrade/LUT file import via USB/Ethernet
 - GPI (selectable/markable windows)

vMON-185-3G2

SKU: 8006-0100

FULL HD SD

18.5 INCH 8 Bit LCD 16:9 3G-SDI HDMI YPbPr/Video/Y/C

16.7M Colors 1920 x 1080 2x IN / 2x OUT INPUT 3x BNC IN / 3x BNC OUT



- DUAL SPEAKERS
- HEADPHONES OUT (STEREO)
- LCD with LED Backlight
- OSD Audio Level Meters 2-16 channels for each display window (source dependent)

Fully featured, slim and cost effective 18.5” free standing 2K video monitor with on-screen audio level meters, waveform, and histogram.

The vMON-185-3G is an 18.5” HDR monitor with 2x3G/HD/SD-SDI and 1xYPbPr/Video/Y/C, 1xDVI-I, and 1xHDMI Inputs and 2x3G/HD/SD-SDI and 1xYPbPr/Video/Y/C outputs. It supports a variety of professional broadcasting features such as Waveform, Vectors, Pixel Measurement, and Darkness Check, making vMON-185-3G a brilliant 18.5 inch monitor in a 2K production workflow.

All standard frame rates and resolutions are supported from 3G-SDI, HDMI, and composite input sources, and each SDI and composite input has a looping output. Up to 16 audio channels may be selected for visual monitoring using on-screen bar graph style level meters. Monitoring speakers on the front panel allow the selected screen to be audibly monitored, while a 3.5mm headphone jack provides optional private monitoring.

Rackmount Kit for vMON-185-3G SKU: 790052 SKU: 790053

VU or PPM or both	500 ^{cd} /m ²	1000:1	≤28 ^W	5.85 ^{kg}	441 ^{mm} x 334 ^{mm} x 150 ^{mm}
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT	SIZE

- 1920 x 1080 resolution, 8 Bit LCD Panel
 - 12 Bit Video Processing, no image delay
 - 3G-SDI 4:4:4 12bit signals (SMPTE 425M A/B)
 - 2x2K/3G-SDI inputs and outputs(2K/3G/HD/SD-SDI auto detect)
 - 1x HDMI input, 1x DVI-I input, 1x composite video input
 - PBP/PIP(size/position adjustable)
 - Audio Level Meter, Blue/Mono Only
 - Waveform, Vectorscope for SDI1, SDI2, HDMI/DVI
 - Picture Flip, Focus Assist
 - False Color, Zebra
 - Part Zoom In
 - Pixel Measurement and Audio Phase
 - H/V Delay, Over Scan, Markers
- Darkness Check
 - HDR supports PQ (ST2084) and HLG(1.0,1.1, 1.2, 1.3, 1.4, 1.5)
 - 3D LUT Color calibration with ColourSpace & CalMAN
 - Color space: REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/
 - USER1/USER2/Bypass
 - Support user 3D LUT files import
 - Various Gamma selection: Gamma 2.0, 2.2, 2.4, 2.6
 - EOTF Log Curves: Slog(SDR), Slog2(SDR), Slog3(SDR), Slog3(HDR)
 - Remote control: Ethernet/GPI, RS422 In/Out
 - Dynamic UMD(TSL3.1/4.0)
 - LED Tally Light and On-screen Tally display – 3G/HD/SD-SDI auto detect
 - F-key configuration and Key Lock function

vMON-240-3G2

SKU: 8006-0110

FULL HD SD

24 INCH 8 Bit 16:9 3G-SDI DVI HDMI YPbPr/Video/Y/C

16.7M Colors 1980 x 1080 2x IN/OUT IN (VGA) INPUT 3x BNC IN / 3x BNC OUT



- DUAL SPEAKERS
- HEADPHONES OUT (STEREO)
- Active color matrix amorphous LCD with LED Backlight
- OSD Audio Level Meters 2-16 channels for each display window (source dependent)

Fully featured, slim and cost effective 24” free standing 2K video monitor with on-screen audio level meters, waveform, and histogram.

The vMON-240-3G2 is an 24” 3G monitor with 2x3G/HD/SD-SDI and 1xYPbPr/Video/Y/C, 1xDVI-I, and 1xHDMI Inputs and 2x3G/HD/SD-SDI and 1xYPbPr/Video/Y/C outputs. It supports a variety of professional broadcasting features such as Waveform, Vectors, Pixel Measurement, and Darkness Check, making vMON-240-3G2 a brilliant 24 inch monitor in a 2K production workflow.

All standard frame rates and resolutions are supported from 3G-SDI, HDMI, and composite input sources, and each SDI and composite input has a looping output. Up to 16 audio channels may be selected for visual monitoring using on-screen bar graph style level meters. Monitoring speakers on the front panel allow the selected screen to be audibly monitored, while a 3.5mm headphone jack provides optional private monitoring.

VU or PPM or both	250 ^{cd} /m ²	1000:1	32 ^W	10.6 ^{kg} / 7.4 ^{kg}	578 ^{mm} x 401 ^{mm} x 97 ^{mm}
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT/NET	DISPLAY SIZE

- 1920 x 1080 resolution, 8 Bit LCD Panel
 - 12 Bit Video Processing, no image delay
 - 3G-SDI 4:4:4 12bit signals (SMPTE 425M A/B)
 - 2x2K/3G-SDI inputs and outputs(2K/3G/HD/SD-SDI auto detect)
 - 1x HDMI input, 1x DVI-I input, 1x composite video input
 - PBP/PIP(size/position adjustable)
 - Audio Level Meter, Blue/Mono Only
 - Waveform, Vectorscope for SDI1, SDI2, HDMI/DVI
 - Picture Flip, Focus Assist
 - False Color, Zebra
 - Part Zoom In
 - Pixel Measurement and Audio Phase
 - H/V Delay, Over Scan, Markers
 - Darkness Check
- HDR supports PQ (ST2084) and HLG(1.0,1.1, 1.2, 1.3, 1.4, 1.5)
 - 3D LUT Color calibration with ColourSpace & CalMAN
 - Color space: REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/
 - USER1/USER2/Bypass
 - Support user 3D LUT files import
 - Various Gamma selection: Gamma 2.0, 2.2, 2.4, 2.6
 - EOTF Log Curves: Slog(SDR), Slog2(SDR), Slog3(SDR), Slog3(HDR)
 - Remote control: Ethernet/GPI, RS422 In/Out
 - Dynamic UMD(TSL3.1/4.0)
 - LED Tally Light and On-screen Tally display – 3G/HD/SD-SDI auto detect
 - F-key configuration and Key Lock function

vMON-240-4K+

SKU: 8006-0280

- 24
INCH
- 10 Bit
1.07B Colors
- 16:9 UHD
3840 x 2160
- 12G-SDI
2x IN / 2x OUT
- 3G-SDI
2x IN / 2x OUT
- HDMI
INPUT
- SDI SFP+
FIBER MODULE



- STEREO

DUAL SPEAKERS
- HEADPHONES
OUT (STEREO)
- IPS

Active color matrix
amorphous LCD with
LED Backlight
- OSD Audio Level Meters
2-16 channels for each
display window (source
dependent)

Fully featured, slim and cost effective 24” free standing 4K video monitor with on-screen audio level meters, quad split, waveform, and histogram.

The vMON-240-4K+ is a 24” 4K HDR monitor with 2x12G/6G/3G/HD/SD-SDI and 2x3G/HD/SD-SDI inputs and outputs. The monitor has 1000 Nits brightness. Quad-link supports up to a 4096x2160 60p signal. The 4K HDR display supports PQ(ST2084) and HLG and is a cost effective 4K monitoring choice for a variety of 4K and FHD workflows. It supports a large variety of professional broadcasting features such as Quad Split, Waveform, Histogram, Darkness Check, making vMON-240-4K+ a brilliant 24-inch monitor in 4K production workflow. All standard frame rates and resolutions are supported from 12G-SDI, 6G-SDI, 3G-SDI, and HDMI input sources, and each SDI input has a looped output.

Up to 16 audio channels may be selected for visual monitoring using on-screen bar graph style level meters. Monitoring speakers on the front panel allow the selected screen to be audibly monitored, while a 3.5mm headphone jack provides optional private monitoring.

VU or PPM or both	1000 ^{cd/m2}	1000:1	70 ^W	13 ^{kg} / 8 ^{kg}	578 ^{mm} x 401 ^{mm} x 97 ^{mm}
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT/NET	SIZE

- 3840x2160 4K resolution, 10Bit LCD panel
- 12 Bit Video Processing, image no delay
- 2 x 12G-SDI inputs and outputs (6G/3G/HD/SD-SDI auto detect)
- 2 x 3G/HD/SD-SDI inputs and outputs
- 4K 12G-SDI single link signal, up to 4096 x 2160 60p
- 4K signal: 2 Sample Interleave (2SI), Square Division (SQD)
- 4K Mode, Quad-Split Mode, FHD single picture mode
- 4 x SDI/HDMI Quad-View: mixed inputs & frequency rates
- Free Quad-View (boarder control/window adjustment)
- Color Space & EOTF Curves Auto Setting, matching (Rec.709/ Rec.2020)
- Color Space (Rec.709/EBU/DCI-P3 D65/DCI-P3/Rec.2020/Bypass)
- HDR: PQ (ST2084), HLG (1.03/1.11/1.16/1.20/1.27/1.33)
- Sony Camera Log Curves: Slog, Slog2, Slog3

- Canon Camera Log Curves: Clog, Clog2, Clog3
- ARRI Camera Log Curves: LogC/DJI Camera Log Curves: Dlog
- Panasonic Camera Log Curves: Vlog, Vlog (softroll)
- Gamma (2.0, 2.2, 2.4, 2.6), HDR Area Display
- 4K HDR Waveform, Vector Scope, Marker/Box Control Function
- 3D LUT Color calibration with ColourSpace & CalMAN
- 3rd-party 3D LUT files import (USER1/USER2)
- S1 – S8 Eight Selectable Scene Settings
- Picture Flip, Focus Assist, False Color, Zebra
- SDR and HDR comparison, Darkness Check
- Full Scan, Over Scan, Blue/Mono Only
- Dynamic and Static UMD Display (TSL3.1/4.0/5.0)
- 608/708 CC Closed Caption
- Key Lock, Video Freeze / GPI (selectable/markable windows)

vMON-270-4K

SKU: 8006-0210

- 27
INCH
- 12 Bit
1.07B Colors
- 16:9 UHD
3840 x 2160
- 12G-SDI
2x IN / 2x OUT
- 3G-SDI
2x IN / 2x OUT
- HDMI
INPUT
- SDI SFP+
FIBER MODULE



- STEREO

DUAL SPEAKERS
- HEADPHONES
OUT (STEREO)
- IPS

Active color matrix
amorphous LCD with
LED Backlight
- OSD Audio Level Meters
2-16 channels for each
display window (source
dependent)

Fully featured, slim and cost effective 27” free standing 4K video monitor with on-screen audio level meters, quad split, waveform, and histogram.

The vMON-270-4K is a 27” 4K HDR monitor with 2x12G/6G/3G/HD/SD-SDI and 2x3G/HD/SD-SDI inputs and outputs. Quad-link supports up to a 4096x2160 60p signal. The 4K HDR display supports PQ(ST2084) and HLG, a cost effective 4K monitor for a variety of 4K and FHD workflows.It supports a large variety of professional broadcasting features such as Quad Split, Waveform, Histogram, Darkness Check, making vMON-270-4K a brilliant 27 inch monitor in 4K production workflow.

All standard frame rates and resolutions are supported from 12G-SDI, 6G-SDI, 3G-SDI, and HDMI input sources, and each SDI input has a looping output. Up to 16 audio channels may be selected for visual monitoring using on-screen bar graph style level meters. Monitoring speakers on the front panel allow the selected screen to be audibly monitored, while a 3.5mm headphone jack provides optional private monitoring. The vMON-270-4K contains a vast array of Features and Benefits as listed in the table on the following page.

VU or PPM or both	400 ^{cd/m2}	2000:1	63 ^W	14 ^{kg} / 9.9 ^{kg}	649 ^{mm} x 441 ^{mm}
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT/NET	DISPLAY SIZE

- 3840 x 2160 4K resolution
- 12G/6G/3G/HD/SD-SDI auto detect
- 4K 12G-SDI single link signal, 4K Quad link 2 Sample Interleave (2SI), Square Division (SQD)
- Free Quad-View (border control/window adjustment), 4 x SDI/ HDMI mixed inputs & frequency rates
- 16 ch Embedded Audio Level Meters
- 4K HDR Waveform, Vector Scope, Marker/Box Control Function
- Picture Flip, Focus Assist, False Color, Zebra
- Full Scan, Over Scan, Blue/Mono Only
- Key Lock, Video Freeze
- SDR and HDR comparison, Darkness Check
- Color Space & EOTF Curves Auto Sensing, matching (REC709/ REC2020)

- Color Space (REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/Bypass)
- HDR: PQ (ST2084), HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5)
- Sony Camera Log Curves: Slog, Slog2, Slog3
- Canon Camera Log Curves: Clog, Clog2, Clog3
- ARRI Camera Log Curves: LogC
- Panasonic Camera Log Curves: Vlog, Vlog (softroll)
- Gamma (2.0, 2.2, 2.4, 2.6), HDR Area Display
- 3D LUT Color calibration with ColourSpace & CalMAN
- 3rd party 3D LUT files import (USER1/USER2)
- Eight Selectable Scene Settings
- Dynamic and Static UMD/IMD Display (TSL3.1/4.0/5.0)
- 608/708 CC Closed Caption
- Firmware upgrade/LUT file import via USB/Ethernet
- GPI (selectable/markable windows)

vMON-270-8K

SKU: 8006-0310

27
INCH

12 Bit
16.7B Colors

16:9
8192 x 4320

12G-SDI
4x IN / 4x OUT

HDMI
INPUT

SDI SFP+
FIBER MODULE



- STEREO

DUAL SPEAKERS
- HEADPHONES
OUT (STEREO)
- IPS

Active color matrix
amorphous LCD with
LED Backlight
- OSD Audio Level Meters
2-16 channels for each
display window (source
dependent)

Fully featured, slim and cost effective 27” free standing 8K video monitor with on-screen audio level meters, quad split, waveform, and histogram.

The vMON-270-8K is a 27” 8K HDR monitor with 4x12G/6G/3G/HD/SD-SDI inputs and outputs and an integral HDMI 2.0 interface. It supports up to 8192x4320 60P signals. 3D LUT color calibration with a Klein K10 probe provides an excellent picture quality. The vMON-270-8K is suggested for high-end 8K, 4K and FHD outside shooting, production, studio and OB van applications.

All standard frame rates and resolutions are supported from 12G-SDI and HDMI input sources, and each 12G-SDI input has a looping output. Up to 16 audio channels may be selected for visual monitoring using on-screen bar graph style level meters. Monitoring speakers on the front panel allow the selected screen to be audibly monitored, while a 3.5mm headphone jack provides optional private monitoring. The vMON-270-8K contains a vast array of Features and Benefits as listed in the table on the following page.

VU or PPM or both	400 ^{cd/m2}	2000:1	63 ^W	14 ^{kg} / 9.9 ^{kg}	649 ^{mm} x 441 ^{mm}
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT/NET	DISPLAY SIZE

- 3840 x 2160 4K resolution, Supports 8K SDI signals at 8192 x 4320 resolution
 - 4K 12G-SDI single link signal, 4K/8K Quad link 2 Sample Inter-leave (2SI), Square Division (SQD)
 - Free Quad-View (border control/window adjustment), 4 x SDI/HDMI mixed inputs & frequency rates
 - 16 ch Embedded Audio Level Meters
 - 4K HDR Waveform, Vector Scope, Marker/Box Control Function
 - Picture Flip, Focus Assist, False Color, Zebra
 - Full Scan, Over Scan, Blue/Mono Only
 - Key Lock, Video Freeze
 - SDR and HDR comparison, Darkness Check
 - Color Space & EOTF Curves Auto Sensing, matching(REC709/REC2020)
- Color Space (REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/Bypass)
 - HDR: PQ (ST2084), HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5)
 - Sony Camera Log Curves: Slog, Slog2, Slog3
 - Canon Camera Log Curves: Clog, Clog2, Clog3
 - ARRI Camera Log Curves: LogC
 - Panasonic Camera Log Curves: Vlog, Vlog (softroll)
 - Gamma (2.0, 2.2, 2.4, 2.6), HDR Area Display
 - 3D LUT Color calibration with ColourSpace & CalMAN
 - 3rd party 3D LUT files import (USER1/USER2)
 - Eight Selectable Scene Settings
 - Dynamic and Static UMD/IMD Display (TSL3.1/4.0/5.0)
 - 608/708 CC Closed Caption
 - Firmware upgrade/LUT file import via USB/Ethernet
 - GPI (selectable/markable windows)

vMON-320-4K

SKU: 8006-0220

31.5
INCH

12 Bit
1.07B Colors

16:9 UHD
3840 x 2160

12G-SDI
2x IN / 2x OUT

3G-SDI
2x IN / 2x OUT

HDMI
INPUT

SDI SFP+
FIBER MODULE



- STEREO

DUAL SPEAKERS
- HEADPHONES
OUT (STEREO)
- IPS

LCD with
LED Backlight
- OSD Audio Level Meters
2-16 channels for each
display window (source
dependent)

Fully featured, slim and cost effective 31.5” free standing 4K video monitor with on-screen audio level meters, quad split, waveform, and histogram.

The monitor comes standard with in-monitor level metering, selectable video vectorscope/histogram, safe area and aspect ratio markers, IMD labeling, tally, and built-in color bars, as well as a variety of picture controls and productive video features such as zoom controls and focus assist.

The vMON-320-4K is a 31.5” 4K HDR monitor with 2x12G/6G/3G/HD/SD-SDI and 2x3G/HD/SD-SDI inputs and outputs. It supports a large variety of professional broadcasting features such as Quad Split, Waveform, Histogram, Darkness Check, making vMON-320-4K a brilliant 31.5 inch monitor in 4K production workflow. All standard frame rates and resolutions are supported from 12G-SDI, 6G-SDI, 3G-SDI, and HDMI input sources, and each SDI input has a looping output. Up to 16 audio channels may be selected for visual monitoring using on-screen bar graph style level meters. Monitoring speakers on the front panel allow the selected screen to be audibly monitored, while a 3.5mm headphone jack provides optional private monitoring.

VU or PPM or both	400 ^{cd/m2}	2000:1	70 ^W	16.4 ^{kg} / 12.9 ^{kg}	750 ^{mm} x 498 ^{mm} x 160 ^{mm}
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT/NET	SIZE

- 12 Bit Video Processing, no image delay
 - 12G/6G/3G/HD/SD-SDI auto detect
 - 4K 12G-SDI single link signal, 4K Quad link 2 Sample Interleave (2SI), Square Division (SQD)
 - Free Quad-View (border control/window adjustment), 4 x SDI/HDMI mixed inputs & frequency rates
 - 4K HDR Waveform, Vector Scope, Marker/Box Control Function
 - Picture Flip, Focus Assist, False Color, Zebra
 - Full Scan, Over Scan, Blue/Mono Only
 - Key Lock, Video Freeze
 - SDR and HDR comparison, Darkness Check
 - Color Space & EOTF Curves Auto Sensing, matching (REC709/REC2020)
 - Color Space (REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/Bypass)
- HDR: PQ (ST2084), HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5)
 - Sony Camera Log Curves: Slog, Slog2, Slog3
 - Canon Camera Log Curves: Clog, Clog2, Clog3
 - ARRI Camera Log Curves: LogC
 - Panasonic Camera Log Curves: Vlog, Vlog (softroll)
 - Gamma (2.0, 2.2, 2.4, 2.6), HDR Area Display
 - 3D LUT Color calibration with ColourSpace & CalMAN
 - 3rd party 3D LUT files import (USER1/USER2)
 - Eight Selectable Scene Settings
 - Dynamic and Static UMD/IMD Display (TSL3.1/4.0/5.0)
 - 608/708 CC Closed Caption
 - Firmware upgrade/LUT file import via USB/Ethernet
 - GPI (selectable/markable windows)

vMON-320-8K

SKU: 8006-0320

31.5 INCH

12 Bit
1.07M Colors

16:9
3840 x 2160

12G-SDI

HDMI INPUT

SDI SFP+
FIBER MODULE



- STEREO

DUAL SPEAKERS
- HEADPHONES OUT (STEREO)
- IPS

LCD with LED Backlight
- OSD Audio Level Meters
2-16 channels for each display window (source dependent)

Fully featured, slim and cost effective 32.5” free standing 8K video monitor with on-screen audio level meters, quad split, waveform, and histogram.

The vMON-320-8K is a 32.5” 8K HDR monitor with 4x12G/6G/3G/HD/SD-SDI inputs and outputs and an integral HDMI 2.0 interface. It supports up to 8192x4320 60P signals. 3D LUT color calibration with a Klein K10 probe provides an excellent picture quality. The vMON-320-8K is suggested for high-end 8K, 4K and FHD outside shooting, production, studio and OB van applications.

All standard frame rates and resolutions are supported from 12G-SDI and HDMI input sources, and each 12G-SDI input has a looping output. Up to 16 audio channels may be selected for visual monitoring using on-screen bar graph style level meters. Monitoring speakers on the front panel allow the selected screen to be audibly monitored, while a 3.5mm headphone jack provides optional private monitoring.

VU or PPM or both	400 ^{cd/m2}	2000:1	70 ^W	16.4 kg / 12.9 kg	750 mm x 498 mm x 160 mm
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT/NET	SIZE

- 3840 x 2160 4K resolution, Supports 8K SDI signals at 8192 x 4320 resolution
 - 4K 12G-SDI single link signal, 4K/8K Quad link 2 Sample Inter-leave (2SI), Square Division (SQD)
 - Free Quad-View (border control/window adjustment), 4 x SDI/HDMI mixed inputs & frequency rates
 - 4K HDR Waveform, Vector Scope, Marker/Box Control Function
 - Picture Flip, Focus Assist, False Color, Zebra
 - Full Scan, Over Scan, Blue/Mono Only
 - Key Lock, Video Freeze
 - SDR and HDR comparison, Darkness Check
 - Color Space & EOTF Curves Auto Sensing, matching(REC709/REC2020)
 - Color Space (REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/Bypass)
- HDR: PQ (ST2084), HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5)
 - Sony Camera Log Curves: Slog, Slog2, Slog3
 - Canon Camera Log Curves: Clog, Clog2, Clog3
 - ARRI Camera Log Curves: LogC
 - Panasonic Camera Log Curves: Vlog, Vlog (softroll)
 - Gamma (2.0, 2.2, 2.4, 2.6), HDR Area Display
 - 3D LUT Color calibration with ColourSpace & CalMAN
 - 3rd party 3D LUT files import (USER1/USER2)
 - Eight Selectable Scene Settings
 - Dynamic and Static UMD/IMD Display (TSL3.1/4.0/5.0)
 - 608/708 CC Closed Caption
 - Firmware upgrade/LUT file import via USB/Ethernet
 - GPI (selectable/markable windows)

vMON-2440-4K

SKU: 8006-0240

4x 4.1 INCH

10 Bit
16.7M Colors

16:9 HD
1280x720

12G-SDI
2x INPUT BNC / 1x OUT BNC pro screen

HDMI 2.0 INPUT



- 4x HEADPHONES OUT (STEREO)
- IPS

LCD with LED Backlight
- OSD Audio Level Meters
2-16 channels for each display window (source dependent)

Quad 4.1” 12G/6G/3G/HD/SD-SDI, HDMI Video Monitor with 2RU.

The vMON-2440-4K is a fully featured in-rack video monitor ideal for mobile trucks, news and transmission control rooms, production/post-production and video surveillance applications. These tilting monitors come standard with in-monitor level metering, selectable video waveform, vectorscope, histogram, safe area and aspect ratio markers, IMD labeling and tally.

As well as including a HDMI Level 2 input, the following frame rates and resolutions are supported 12G/6G/3G-SDI. The 12G-SDI input signal is Auto-detected and compatible with 6G/3G/HD/SD-SDI. Up to 16 audio channels may be selected for visual monitoring using on-screen bar graph style level meters. Monitoring speakers to the rear of the unit allow the selected screen to be audibly monitored, while a 3.5mm headphone socket provides optional private monitoring.

Each of the high-resolution LCD screens displays high-definition or standard-definition video in a range of aspect ratios. Parameters are selected and adjusted using an on-screen display menu.

VU or PPM or both	450 ^{cd/m2}	1000:1	42 ^W	5 kg / 3 kg	2RU
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT/NET	SIZE

- Supported formats: DCI4K , UHD4K , DCI2K , FHD , HD , 576P50 , 480P60
- Audio Inputs (per screen): 8 channels SDI Embedded Audio
- On-screen level meters up to 16 channels provide confidence audio monitoring
- Tally and on-screen labeling provide quick and easy signal identification
- Image controls allow video image enhancement for each screen, individually
- On-screen video vectorscope and histogram displays
- Ratio and Safe Area markers
- Intuitive on-screen menu
- Headphone output
- Client/Server GUI network control, ideal for configuring difficult to reach wall-mounted monitors.
- Available option for Closed Caption support

vMON-3280-4K

SKU: 8006-0260

- 2x 8
INCH
- 10 Bit
16.7M Colors
- 16:9
1920X1200
- 12G-SDI
2x IN / 2x OUT
- HDMI 2.0
INPUT
- RJ45
1x GPI/RS422
each screen



- 2x HEADPHONES
OUT (STEREO)
- LCD with
LED Backlight
- OSD Audio Level Meters
2-16 channels for each display window (source
dependent) - SDI 16 Channels Embedded Audio

Dual 8” 12G/6G/3G/HD/SD-SDI, HDMI Video Monitor with 3RU.

The vMON-3280-4K is a fully featured in-rack video monitor ideal for mobile trucks, news and transmission control rooms, production/post-production and video surveillance applications.

These tilting monitors come standard with in-monitor level metering, selectable video vectorscope, waveform, histogram, safe area and aspect ratio markers, IMD labeling and tally.

As well as including a HDMI Level 2 input, all the standard frame rates and resolutions are supported 12G/6G/3G-SDI. The 12G-SDI input signal is Auto-detected and compatible with 6G/3G/HD/SD-SDI.

Up to 16 audio channels may be selected for visual monitoring using on-screen bar graph style level meters. Monitoring speakers to the rear of the unit allow the selected screen to be audibly monitored, while a 3.5mm headphone socket provides optional private monitoring. Each of the high-resolution LCD screens displays high-definition or standard-definition video in a range of aspect ratios. Parameters are selected and adjusted using an on-screen display menu.

VU or PPM or both	290 ^{cd/m2}	900:1	35 ^W	5.7 ^{kg} / 4 ^{kg}	3RU
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT/NET	SIZE

- On-screen level meters up to 16 channels provide confidence audio monitoring
- Tally and on-screen labeling provide quick and easy signal identification
- Image controls allow video image enhancement for each screen, individually
- On-screen video vectorscope and histogram displays
- Ratio and Safe Area markers
- Intuitive on-screen menu
- Headphone output
- Client/Server GUI network control, ideal for configuring difficult to reach wall-mounted monitors.
- Available option for Closed Caption support

vMON-4210-4K

SKU: 8006-0270

- 2x 10.1
INCH
- 10 Bit
16.7M Colors
- 16:9
1920X1200
- 12G-SDI
2x IN / 1x OUT
- HDMI
INPUT
- RJ45
1x Ethernet each screen
1x GPI/RS422 each screen



- 2x HEADPHONES
OUT (STEREO)
- LCD with
LED Backlight
- OSD Audio Level Meters
2-16 channels for each display window (source
dependent)

Dual 10.1” 12G/6G/3G/HD/SD-SDI, HDMI Video Monitor whit 4RU.

The vMON-4210-4K is a fully 4RU featured in-rack video monitor ideal for mobile trucks, news and transmission control rooms, production/post-production and video surveillance applications. These tilting monitors come standard with in-monitor level metering, selectable video vectorscope/histogram, safe area and aspect ratio markers, IMD labeling and tally. As well as including a HDMI Level 2 input, all the standard frame rates and resolutions are supported 12G/6G/3G-SDI. The 12G-SDI input signal is Auto-detected and compatible with 6G/3G/HD/SD-SDI. Up to 16 audio channels may be selected for visual monitoring using on-screen bar graph style level meters. Monitoring speakers to the rear of the unit allow the selected screen to be audibly monitored, while a 3.5mm headphone socket provides optional private monitoring. Each of the high-resolution LCD screens displays high-definition or standard-definition video in a range of aspect ratios. Parameters are selected and adjusted using an on-screen display menu..

VU or PPM or both	450 ^{cd/m2}	1000:1	37 ^W	6.1 ^{kg} / 4.5 ^{kg}	4RU
METER DYNAMICS	LUMINANCE	CONTRAST	POWER	WEIGHT/NET	SIZE

- Audio Inputs (per screen): 8 channels SDI Embedded Audio
- Supported formats: DCI4K, UHK4K, DCI2K, FHD, HD, 576P50, 480P60
- On-screen level meters up to 16 channels provide confidence audio monitoring
- Tally and on-screen labeling provide quick and easy signal identification
- Image controls allow video image enhancement for each screen, individually
- On-screen video vectorscope and histogram displays
- Ratio and Safe Area markers
- Intuitive on-screen menu
- Headphone output
- Client/Server GUI network control, ideal for configuring difficult to reach wall-mounted monitors.
- Available option for Closed Caption support

RM-4210WS-3G2

SKU: 8001-0380

FULL HDSD

2x 10.1
INCH

10 Bit
16.7M Colors

16:9/4:3
1920x1200

3G-SDI
2x IN / 2x OUT BNC

HDMI
INPUT

Composite
2x IN / 1x OUT



DUAL SPEAKER

HEADPHONES
OUT (STEREO) - Mini Jack

LCD with
LED Backlight

OSD Audio Level Meters
2-16 channels for each display window (source dependent)

VU or PPM or both	400 ^{cd/m2}	800:1	2x 5 ^W	10 ^W	3.2 kg / 2.7 kg	4RU
METER DYNAMICS	LUMINANCE	CONTRAST	SPEAKERS	POWER	WEIGHT/NET	SIZE

BENEFITS

- User defined hot key functionality provides either H/V delay, underscan, on-screen display, and more
- On-screen level meters provide confidence audio monitoring
- Tally and on-screen labeling provide quick and easy signal identification
- CRT-style image controls allow video image enhancement for each screen individually

FEATURES

- Video Inputs: 8 x auto sensing 3G-/HD/SD-SDI / CVBS on BNC
- Audio Inputs: Analog stereo, RCA(x2 pair), Embedded audio on SDI
- Audio Outputs: Stereo Speakers 5W x2; Analog on 2x RCA jacks
- OSD Audio Meters: 2-16 channels for each display window, from SDI
- Control Interfaces: GPI x8 on DB9; RS-485 on RJ45

Dual 10" 3G/HD/SD-SDI/Analog Video Monitor. Composite, Dual Inputs, Embedded Audio, 4RU.

The RM Series is a full-featured, low-cost range of in-rack 3G/HD/SD-SDI and CVBS video monitors ideal for the many feeds in mobile trucks, news and transmission control rooms, duplication, and post production applications.

The tilting monitor comes standard with in-monitor level metering, selectable video waveform and vectorscope, safe and title markers, labeling, tally, timecode, video format, and built-in color bars, as well as familiar CRT-style picture controls and an intuitive on-screen configuration menu.

Input signals are automatically detected and up to 8 of the 16 audio channels embedded in an HD/SD-SDI bitstream may be selected for visual monitoring on 8 on-screen bar graph style level meters on the 3G and 3G2 models. A headphone jack provides audible stereo monitoring of selected left and right channels.

Each of the two high-resolution LCD screens display high-definition or standard-definition video at either 16:9 or 4:3 aspect ratio. Parameters are selected and adjusted using an on-screen display menu.

- In-picture waveform, and vectorscope display
- Labelling, tally, timecode, detected video format, safe area and title markers display
- On-screen image calibration controls
- Gamma color calibration
- Built-in color bars
- User-defined function buttons
- Intuitive on-screen menu
- Headphone output (Mini Jack)
- Color gamut modes that meet the criteria of SMPTE-C, EBU and ITU-709
- 12bit video processing engine with super sample processing of interlace video

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