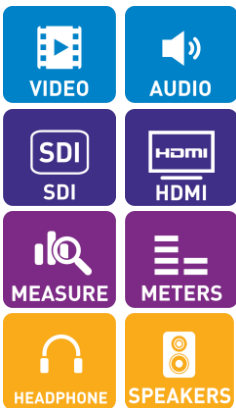


vMON-240-4K

24" 12G/6G/3G/HD/SD-SDI, HDMI Video Monitor



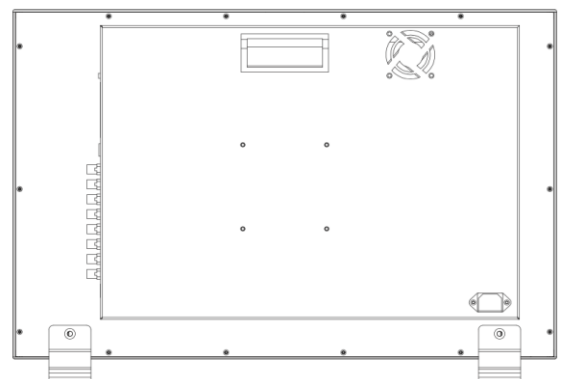
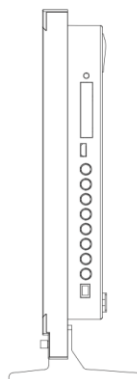
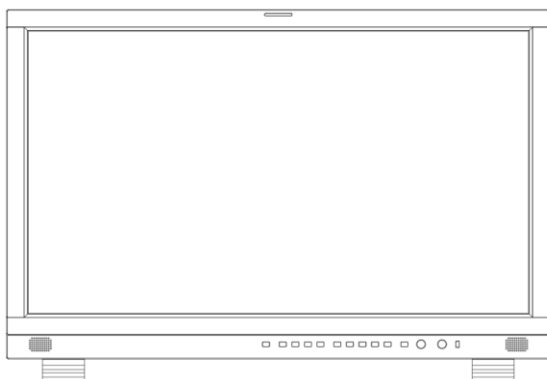
Fully featured, slim and cost effective 24" free standing 4K video monitor with on-screen audio level meters, quad split, waveform, and histogram.



Order Part Number:

vMON-240-4K 8006-0230

Enclosure



The vMON Series is a full-featured range of slim, free standing video monitors ideal for mobile trucks, news and transmission control rooms, production/post-production and video surveillance applications. These monitors come 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-240-4K is a 24" 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-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 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-240-4K contains a vast array of Features and Benefits as listed in the table on the following page.

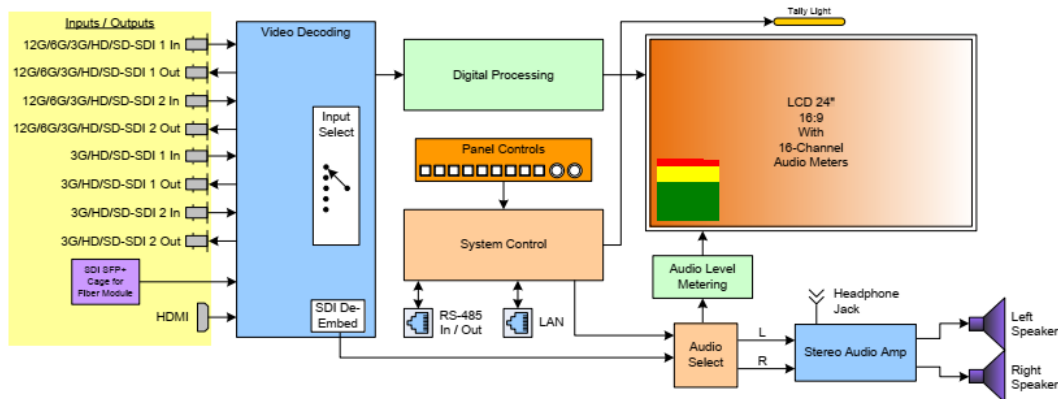


vMON-240-4K



24" 12G/6G/3G/HD/SD-SDI, HDMI Video Monitor

Block Diagram



Specifications

Specifications	
Video Inputs:	2 x BNC 12G/6G/3G/HD/SD-SDI, 2 x BNC 3G/HD/SD-SDI, 1 x HDMI 2.0, 1 x SDI SFP+ input cage for optical module
Video Outputs	2 x BNC looped 12G/6G/3G/HD/SD-SDI, 2 x BNC looped 3G/HD/SD-SDI
Audio Outputs	1 x 3.5mm stereo headset jack
Screen Size / Display Area	24" diagonal per screen/ 525.7mm(H) x 295.7mm(V)
Backlight	LED
Video Display Resolution	3840(H) x 2160(V) 4K
Luminance	540cd/m2
Contrast	2000:1
Color Depth	1.07 billion
OSD Audio Meters	2-16 channels for each display window (source dependent)
Features/Benefits	<ul style="list-style-type: none"> - 3840 x 2160 4K resolution - 12 Bit Video Processing, no image delay - 12G/6G/3G/HD/SD-SDI auto detect - 4K 12G-SDI single link signal, up to 4096 x 2160 60p - 4K signal: 2 Sample Interleave (2SI), Square Division (SQD) - 1 x HDMI 2.0 input, 1 x SDI SFP+ module optical input cage - 4K Mode, Quad-Split Mode, FHD single picture mode - 4 x SDI/HDMI Quad-View: mixed inputs & frequency rates - Free Quad-View (border control/window adjustment) - Payload ID display - 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 - 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 - 16 ch Embedded Audio Level Meters - Dynamic and Static UMD/IMD Display (TSL3.1/4.0/5.0) - 608/708 CC Closed Caption - Key Lock, Video Freeze - Firmware upgrade/LUT file import via USB/Ethernet - GPI (selectable/markable windows) - Aluminum Alloy Casing, Built-in Speakers
Power Requirements	100 – 240 VAC or 12 VDC; 70W
Dimensions (W x H x D), Weight	22.7" x 15.8" x 5.9" (578mm x 401mm x 150mm); 20 lbs (9.1kgs)

Specifications subject to change, errors and omissions excepted
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