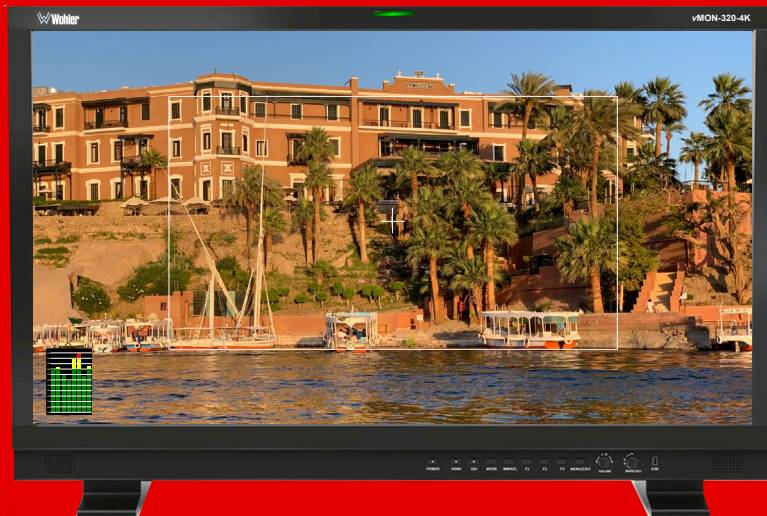
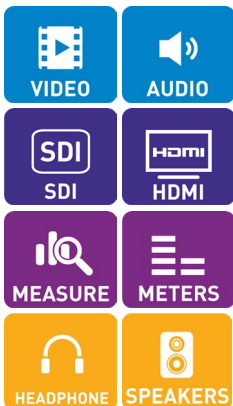


vMON-320-4K

31.5" 12G/6G/3G/HD/SD-SDI, HDMI Video Monitor



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



Order Part Number:
vMON-320-4K 8006-0220

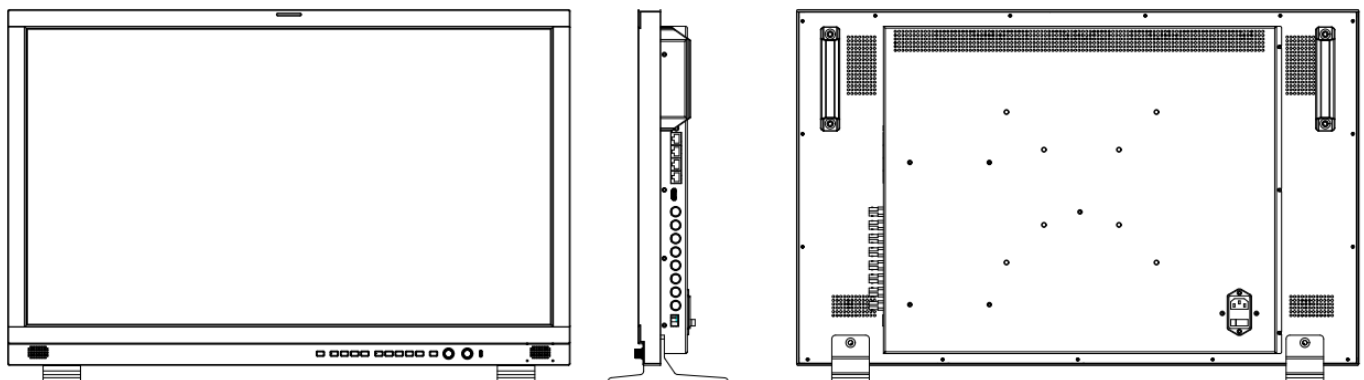
The vMON Series is a full-featured range of slim, free standing video monitors ideal for mobile trucks, news and transmission control rooms, 4K production/post-production and video surveillance applications. These monitors come standard with in-monitor level metering, selectable video vectorscope/histogram, 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-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.

The vMON-320-4K contains a vast array of Features and Benefits as listed in the table on the following page.

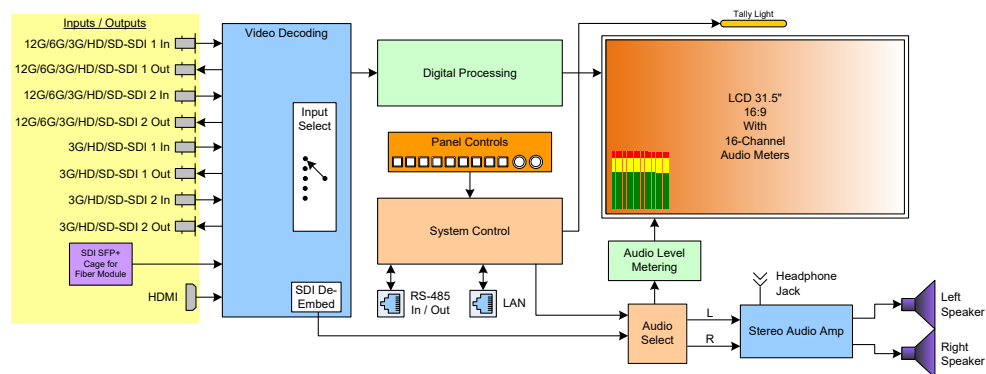
Enclosure



MON-320-4K

31.5" 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	31.5" diagonal per screen / 719.5 mm (H) x 404.7 mm (V)
Backlight	LED
Video Display Resolution	3840(H) x 2160(V) 4K
Luminance	400 cd/m ²
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, 4K Quad link 2 Sample Interleave (2SI), Square Division (SQD)- 1 x SDI SFP+ module optical input cage, 1 x HDMI 2.0 input- 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)- Built-in Speakers
Power Requirements	100 – 240 VAC or 12 VDC; 70W
Dimensions (W x H x D), Weight	29.5" x 19.6" x 6.3" (750mm x 498mm x 160mm); 27.7 lbs (12.5 kgs)