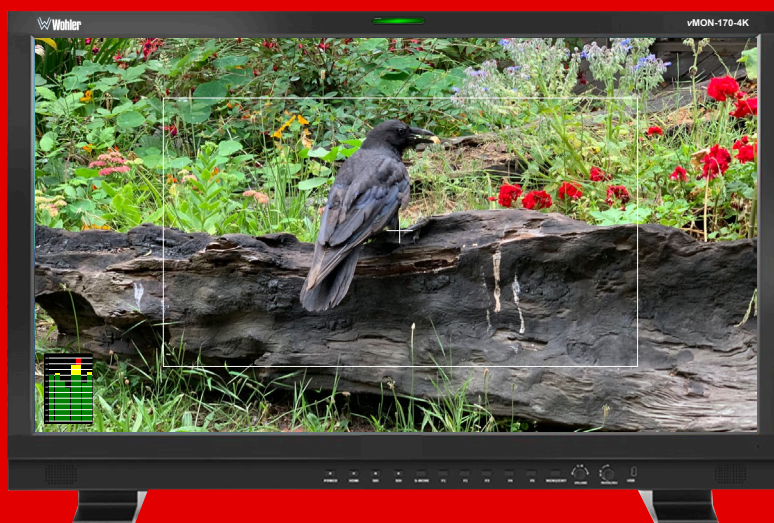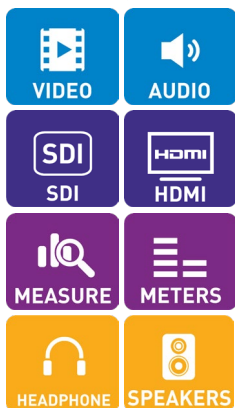# *ν*MON-170-4K

17.3" 12G/6G/3G/HD/SD-SDI, HDMI Video Monitor

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

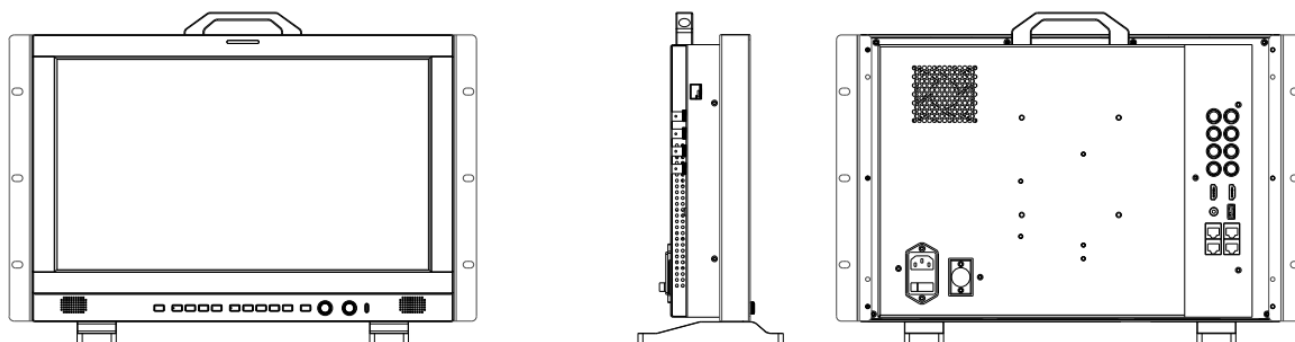| VIDEO | AUDIO |
SDI	HDMI
MEASURE	METERS
HEADPHONE	SPEAKERS

Order Part Number:
*ν*MON-170-4K 8006-0200

The *ν*MON 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 *ν*MON-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 *ν*MON-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.

The *ν*MON-170-4K contains a vast array of Features and Benefits as listed in the table on the following page.
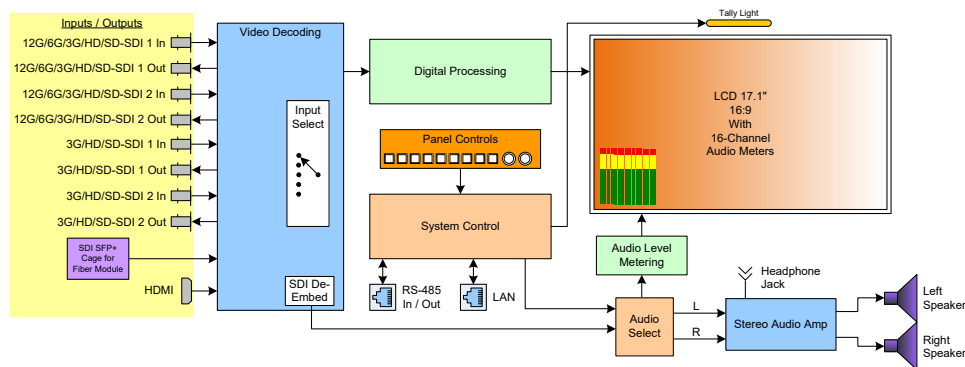
Enclosure

*v*MON-170-4K

17.1" 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	17.3" diagonal per screen / 382.8 mm (H) x 215.4 mm (V)
Backlight	LED
Video Display Resolution	3840(H) x 2160(V) 4K
Luminance	400 cd/m^2
Contrast	1000:1
Color Depth	16.7 million
OSD Audio Meters	2-16 channels for each display window (source dependent)
Features/Benefits	- 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; 50W
Dimensions (W x H x D), Weight	17.1" x 12.6" x 5.9" (433mm x 321mm x 150mm); 11.7 lbs (5.3 kgs)