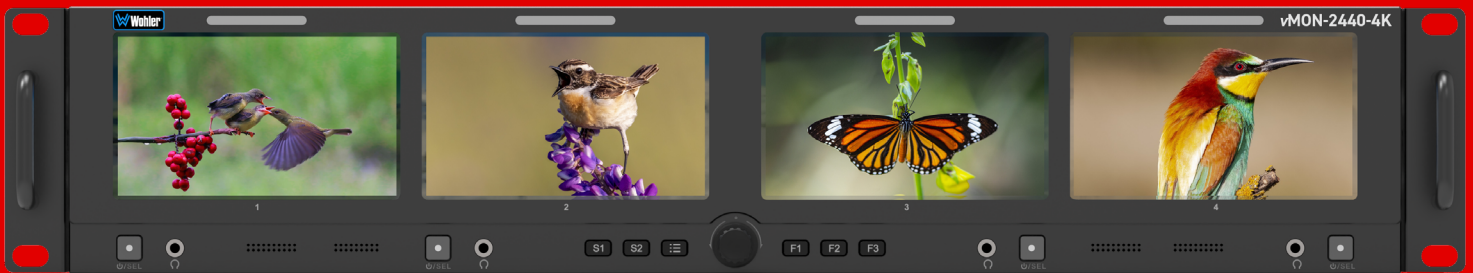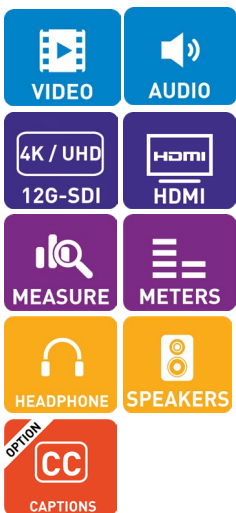# νMON-2440-4K

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

Wohler

12bit 4K quad 4.1" rack-mountable video monitor with on-screen audio level meters, video vectorscope, waveform, histogram and more.

VIDEO	AUDIO
4K / UHD 12G-SDI	HDMI
MEASURE	METERS
HEADPHONE	SPEAKERS
OPTION CC CAPTIONS	

Order Part Number:
vMON-2440-4K   **8006-0240**

The νMON-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.

Features/Benefits:

- 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.
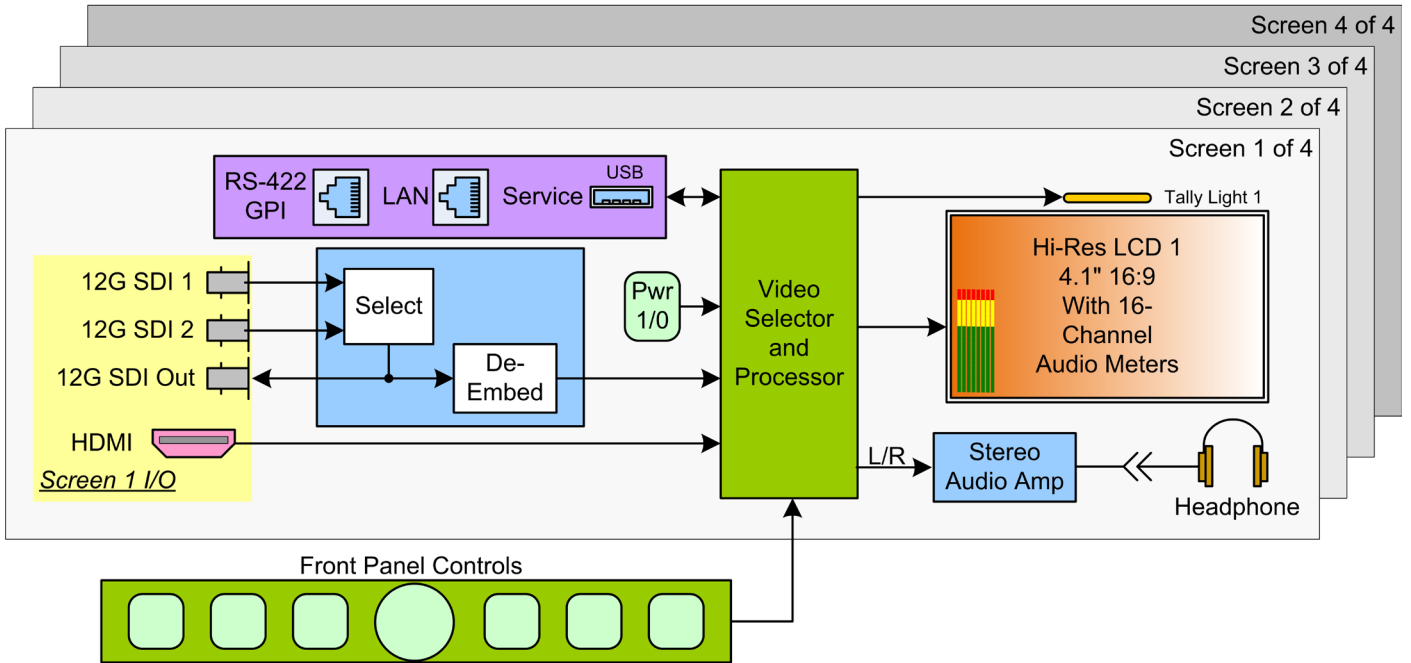- Available option for Closed Caption support

Rear Panel

Wohler

sales@wohler.com   www.wohler.com

ν MON-2440-4K

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

Block Diagram

Specifications

Specifications	
Video Inputs (per screen):	2 x auto-sensing 12G/6G/3G/HD/SD-SDI on BNCs, 1 x HDMI Type 2. 1 x RJ45 Ethernet Connection Jack, 1 x GPI Control Jack
Video Outputs (per screen)	1 x 12G SDI on BNC
Audio Inputs (per screen)	8 channels SDI Embedded Audio
Supported formats	DCI4K , UHD4K , DCI2K , FHD , HD , 576P50 , 480P60
Screen Size / Display Area	4.1˝ diagonal per screen.
Video Display Resolutions	1280x720
Luminance	450cd/m²
Contrast	1000:1
Viewing angle	170°(H)/170°(V)
Color Depth	16.7 million
OSD Audio Meters	2-16 channels for each display window (source dependent)
I/P voltage & Power consumption	DC 12V. Power Consumption 42W
Dimensions (W x H x D), Weight	19˝ x 8˝ x 4˝ weight: 7lbs. Shipping weights & dims: 24˝x9˝x14˝ weight: 11 lbs