

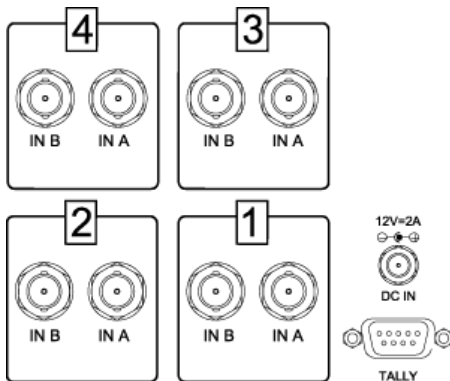
# RM-2443 Series

Quad 4.3" HD/SD-SDI/Analog Video Monitors

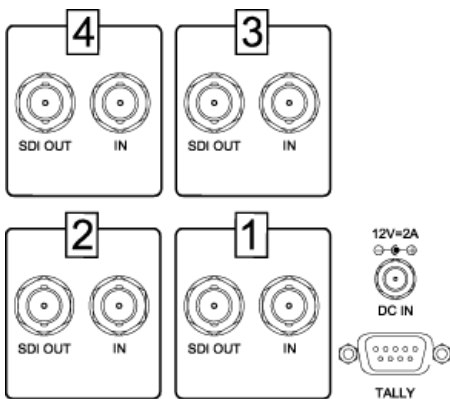


Full feature set, cost effective, reliable quad 4.3" video monitor with in-screen audio level meters, vectorscope and waveform

## 2HD Rear Panel



## HD Rear Panel



The RM Series is a full-featured, low-cost range of in-rack 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 tilting 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. 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.

### Benefits:

- 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
- Headphone output



### Order Part Numbers

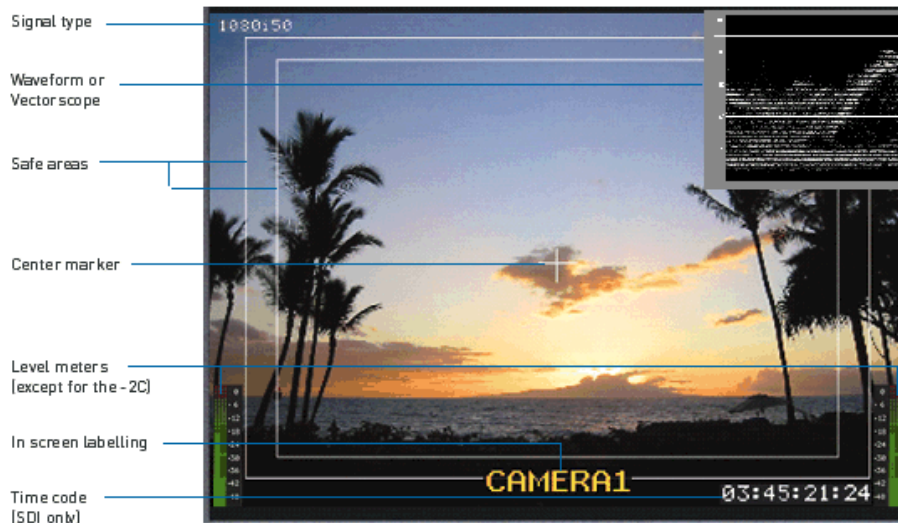
RM-2443W-2HD: 8001-0160 (2 HD/SD-SDI Inputs per screen; No Outputs)

RM-2443W-HD: 8001-0050 (1 HD/SD-SDI Input per screen; 1 Output)

# RM-2443 Series

Quad 4.3" HD/SD-SDI/Analog Video Monitors

## RM Series In-screen Features



## Specifications

-HD

-2HD

Display Type	Active color matrix amorphous 4.3", LCD TFT screens	
Display Size	4.3" Diagonal	
Resolution	480 x 270	
Aspect Ratio	16:9 native 4:3 selectable	
Active Viewing Angle	160°H x 160°V	
Active Viewing Area	3.75" H x 2.12" V (96 mm H x 53 mm V)	
Luminance	165 cd/m <sup>2</sup>	
Colors	16.7 million	
Contrast	400:1	
Pixel Pitch	0.198 mm H x 0.198 mm V	
Pixel response	<30 ms off-on-off (black to white to black)	
Inputs	<ul style="list-style-type: none"> <li>4 Auto-Sensing HD/SD-SDI, CVBS Inputs on BNC (1 per screen)</li> <li>GPI &amp; RS-485 for UMD/Tally on RJ-45</li> </ul>	<ul style="list-style-type: none"> <li>8 Auto-Sensing HD/SD-SDI, CVBS Inputs on BNC (2 per screen)</li> <li>GPI &amp; RS-485 for UMD/Tally on RJ-45</li> </ul>
Outputs	<ul style="list-style-type: none"> <li>4 HD/SD-SDI Outputs on BNC (1 per screen)</li> <li>RS-485 loop out UMD/Tally on RJ-45</li> <li>1 Headphone</li> </ul>	<ul style="list-style-type: none"> <li>RS-485 loop out UMD/Tally on RJ-45</li> <li>1 Headphone</li> </ul>
Space Requirements	2RU in a standard 19" rack	
Accessories Included	AC power cord	
Power Connector	AC power adapter (100-240VAC to 12 VDC)	
Power Requirements	Power to the unit connects to mains power (100 to 240 VAC ± 10%, 50/60Hz)	
Power Consumption	10W	
Dimensions (H x W x D)	3.5" x 19" x 2.4" (89 mm x 486 mm x 61 mm)	
Shipping Weight / Net Weight	8 lbs (3.63 kg) / 5 lbs (2.3 kg)	

[View complete list of specifications online at wohler.com](http://www.wohler.com)

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