


 PANORAMA^{adv} the Video Division of Wohler

HDMon-92WS™ DUAL 9-INCH HD MONITOR



Wohler Solutions: Unsurpassed Quality, Service, and Value Delivered by the Leader in Broadcast Monitoring Applications

The HDMon-92WS monitor is a dual screen, rack-mountable version of our popular HDMon-90WS. By employing two 9-inch 16:9 screens in a 4RU package, rackspace is optimized for HD and widescreen monitoring. Its 800 x 480 TFT/LCD screens provide a balanced medium for superb imaging regardless of video format or resolution.

An integrated 10/100BaseT Ethernet connection allows remote configuration of each screen via the included Windows®-based GUI software application. Users may also choose to integrate the HDMon-92WS with Wohler's new line of modular, configurable audio monitors.

This production grade monitor set accepts dual HD/SD-SDI inputs per screen as well as analog component and composite signals. Also included are DVI and analog RGBHV inputs for computers and CGI images up to WUXGA resolution (1920 x 1200 RGB pixels).

The HDMon-92WS has all of the must-have features of a broadcast monitor including superb motion plus advanced, user adjustable scaling and interpolation for interlaced images. In addition, it includes standard CRT functions such as channel isolate, overscan, underscan and power saving auto off, as well as automatic and manual color temperature. As lightweight and sleek as the HDMon-90WS, the HDMon-92WS can just as easily convert from tilting rack-mount to a table top solution without requiring additional hardware.

FEATURES

- ADVANCED LCD TECHNOLOGY FOR SIGNIFICANTLY LONGER SCREEN LIFE – TYPICALLY 30,000 HOUR MTBF (24/7)
- INDUSTRY LEADING 2-YEAR WARRANTY
- ACCEPTS 1080p 24, 25, 30, 50 AND 60
- FIELD REPLACEABLE BACKLIGHT
- 36-SQUARE INCHES ACTIVE VIEWING (7.75" X 4.65") (196.8mm X 118.08mm)
- INCLUDES ALL INPUTS – NO OPTIONAL CARDS REQUIRED
- PORTABLE OR RACK MOUNT OPERATION
- 10/100 BaseT ETHERNET NETWORK CONTROL
- DYNAMIC USER ADJUSTABLE IP FOR EACH SCREEN
- TRIPLE POWER SYSTEM AC/DC/BATTERY
- INTEGRAL AC POWER SUPPLY – NO "BRICKS"
- 16:9 OR 4:3 ASPECT RATIOS



BENEFITS

- **Same Screen in Less Space** – Each screen of the HDMon-92WS delivers more viewable area than a 9-inch CRT display, occupying a meager 4RU compared to 6RU for a dual-mount 9-inch CRT. Furthermore, the HDMon-92WS provides on-board menu control for all functions in a sleek space-efficient package.
- **Low Weight** – Using Panorama monitors in an OB-Van can save thousands of pounds gross weight, resulting in significant savings for interstate transportation tolls and fuel expenditures.
- **Lower Lifetime Maintenance Cost** – When compared to 9-inch CRTs, most components of the HDMon-92WS have an estimated 3 year MTBF. The only expected maintenance cost after this period is for backlight replacements, which are easily performed in the field.

- **Accurate Color Reproduction** – The HDMon-92WS is a completely digital device, and unlike CRTs, uses the end-to-end precision of CCIR-601/656 digital values for chrominance and luminance while producing the same 72% CIE color gamut as a CRT.
- **Network Ready** – HDMon-92WS has a standard RJ-45 connector for 10/100BaseT Ethernet operation. Full remote control and set-up functions can be accessed via an included Windows® based application or Wohler's advanced function modular audio monitor station.

*Specifications and features subject to change. 11/07

GENERAL/PHYSICAL SPECIFICATIONS

Power Requirements	100 to 240 VAC ± 10%, 50/60Hz or 12 to 24 VDC
Battery Powered (Optional)	11 to 19 VDC, V-Mount
Power Consumption	Approximate 70 Watts
Dimensions [Basic] (W x H x D)	17.58 x 6.5 x 7.15 (inch), 446.5 x 165.1 x 181.6 (mm)
Weight Approximate	8.5 lbs / 3.85 kg
Space Required	4 rack units of EIA-19 standard equipment rack
Supplied Accessories	AC power cord, remote PC application, rack mount adapter
Optional Accessories	Battery adapter

TECHNICAL SPECIFICATIONS

Inputs (Connector)	HD/SD-SDI x 2 (BNC) 270 Mbs - 1.48 Gbs, Digital Video/PC (DVI-I), Analog PC-RGBHV (HD-15), Analog Component (Y-Pr-Pb BNC), Composite NTSC/PAL Auto Sense (BNC), S-Video (Y/C 4-pin Mini DIN), Ethernet (10/100 BaseT RJ-45), RS-232 (DB-9)
Display Type	Active color matrix amorphous Silicon TFT
Screen Treatments	4H hardness
Active Viewing Area	7.75" (H) x 4.65" (V), 196.8mm(H) x 118.08mm(V)
Resolution	800 x RGB x 480
Pixel Pitch	0.246 H&V per RGB pixel cluster
Pixel Response	25 ms Off-On-Off (Black to White to Black)
Luminance	400 cd/m ²
Contrast	500:1
Viewing Angle	160° H 140° V measured edge-to-edge
Chromaticity	72% of 1953 color gamut within CIE-1931 color space
Gamma	1.0 / 1.6 / 2.2 selectable
Color Temperature	D55, D65, D80, D93, user defined
Outputs	Buffered HD/SD-SDI x 2 (BNC)
Environmental	RoHS Compliant

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