

PRODUCT GUIDE

WINTER **2010**



MD Series



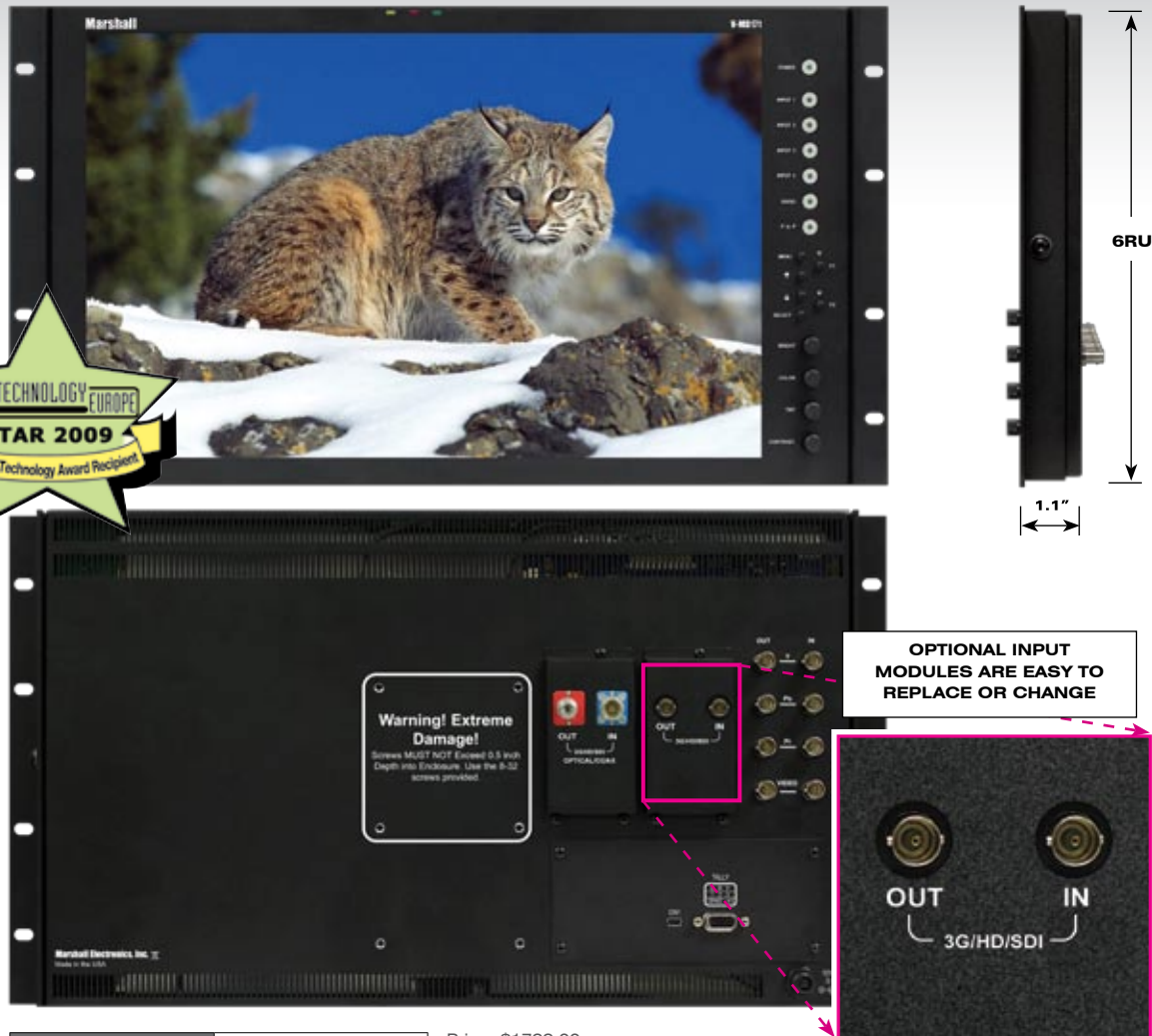
Marshall Electronics proudly presents the MD series of rack mount monitors that offer a flexible modular solution to system integration. These new rack-mountable monitors can be configured with a variety of video inputs that can be “swapped” or interchanged in the field based on your evolving needs and requirements. This eliminates the need to upgrade or replace equipment when a different input or application is required. This “future proof” solution provides flexibility and reassurance when necessary, especially in multi-monitor rack mount units.

These fully-featured monitors come in a variety of sizes and configurations. The new V-MD434 and V-MD503 monitors feature a new slim design with advanced front panel menu and feature control. The V-MD171 offers native 1920 x 1200 resolution, making it the World’s First HD Monitor with direct Fiber-Optic video inputs. Marshall’s new MD monitors integrate Telecast Fiber System’s TeleCube™ Fiber-Optic HD/SDI transmission input/output modules. These new fiber modules deliver the industry’s broadest range of digital rates while maintaining pristine signal quality that broadcasters and integrators demand.

All models include Status Display, False Color Filter, Markers, Freeze Function, Color Temperature Presets, RGB Gain / Bias Adjust, Pixel-to-Pixel, Blue Gun, Hard Tally, four Function buttons, and more. A variety of modules will become available including the availability of 3G/HD/SDI with loop-through, Fiber-Optic input/output modules, and more.

These new monitors received TV Technology’s STAR (Superior Technology Award Recipient) at IBC 2009 in Amsterdam.

V-MD171 6RU 17” Rack Mount / Stand-Alone Monitor



OPTIONAL INPUT MODULES ARE EASY TO REPLACE OR CHANGE

Display (Viewing Area)	17”
Resolution (Pixels)	1920 x 1200
Brightness (cd/m ²)	400
Contrast Ratio	600:1
Standard Inputs (included)	Composite, Component
Optional Input Modules*	3G/HD/SDI, HDMI, DVI, Dual HDSOI, FIBER-OPTIC
Available # of Slots	2
Dimensions	17.15”W x 10.35”H x 1.1”D

Price: \$1799.00

- Flexible “future proof” solution
- World’s 1st HD Monitor with Fiber-Optic Input
- Swap and interchange modular inputs at any time
- Choose from a variety of inputs including 3G-SDI and Fiber

The V-MD171 uses “A”-type input modules

V-MD434 2RU Quad 4.3” Rack Mount Monitor



Display (Viewing Area)	4.3” x 4
Resolution (Pixels)	800 x 480
Brightness (cd/m ²)	200
Contrast Ratio	400:1
Optional Input Modules*	3G/HD/SDI, HDMI, DVI, Dual HDSOI, FIBER-OPTIC
Available # of Slots	1 per screen
Dimensions	17.1”W x 3.45”H x 1.23”D

Price: \$3299.00

The V-MD434 uses “B”-type input modules

V-MD503 2RU Triple 5” Rack Mount Monitor



Display (Viewing Area)	5” x 3
Resolution (Pixels)	800 x 480
Brightness (cd/m ²)	300
Contrast Ratio	600:1
Optional Input Modules*	3G/HD/SDI, HDMI, DVI, Dual HDSOI, FIBER-OPTIC
Available # of Slots	1 per screen
Dimensions	17.1”W x 3.46”H x 1.23”D

Price: \$2499.00

The V-MD503 uses “B”-type input modules

Optional Input Modules

<p>3GSDI</p> <p>MD-3GSDI-A MD-3GSDI-B 3G/HD/SDI Input Module with Loop-Through Price: \$399.00</p>	<p>HDMI</p> <p>MD-HDMI-A MD-HDMI-B HDMI Input Module Price: \$119.00</p>	<p>DUAL HDSOI</p> <p>MD-HDSOIx2-A MD-HDSOIx2-B HD/SDI Input Module with Loop-Through Price: \$499.00</p>	<p>DVI</p> <p>MD-DVI-A MD-DVI-B DVI Input Module Price: \$179.00</p>
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Optional Optical Module with TeleCube™ Inputs/Outputs

<p>FIBER-OPTIC</p> <p>MD-TC-A MD-TC-B TeleCube™ Input/Output Base Module Price: \$349.00</p>	<p>IN</p> <p>TC-RxO Optical Receiver Cube with ST connector Price: \$299.00</p>	<p>OUT</p> <p>TC-RxE Electrical Receiver Cube with BNC connector Price: \$179.00</p>	<p>IN</p> <p>TC-TxO Optical Transmitter Cube (FP Laser @ 1310nm) ST Connector Price: \$359.00</p>	<p>OUT</p> <p>TC-TxE Electrical Transmitter Cube with BNC connector Price: \$149.00</p>
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- 19.4 Mbps to 3 Gbps
- Cool, efficient, reliable
- Quick, easy installation
- Supports embedded audio
- Compatible with SMPTE 310M, 292M, 259M, 297M, 424M

- Tight Optical Tolerances
- Long Distance versions
- CWDM laser TX options
- Very Low system jitter
- <10dB Return Loss @3GHz

*Input modules are optional and available at additional cost. More input modules to be offered in the future. Please visit www.lcdracks.com for more updates and information.

Quad Viewer Series

The QUAD VIEWER Series is the latest addition to Marshall's line of IMD-equipped monitors. The new 17" and 26" Quad-Viewer Monitors feature a full resolution 1920 x 1200 LCD panel, built-in high quality HD Quad Splitter, four independent HDSDI inputs, one DVI input, IMD (In-Monitor Display) capability, Audio Presence indicator, and Time Code. Video and DVI both offer full screen mode, while quad-split mode is scaled to fit onscreen in the highest resolution. IMD is supported via manual mode, along with Image Video, NVISION, MEI (Marshall), and TSL protocols. Other features include Closed-Caption presence display, two front panel user-configurable function buttons, RS-422/485 port with pass-through, a variety of marker and shades, and field-upgradeable firmware.

QV171-HDSDI 17" Full Resolution Rack Mount or Desktop Quad Viewer Monitor



- Quad Viewer allows viewing of 4 different inputs at once with 3 different layouts to choose from
- No need for external Under Monitor Display - "all-in-one" In-Monitor Display solution without added depth
- Supports the following protocols: Image Video/NVISION/TSL/MEI
- Full Resolution 1920 x 1200 display
- Available with optional desktop stand (Part #V-ST15)

- New unique RotoMenu™ feature for fast and easy menu navigation
- High resolution scaling / high quality deinterlacing
- Three-color on-screen "soft" tally indicators (Red / Green / Amber)
- Three LED color tally indicators (Red / Green / Amber)
- On-Screen Audio Presence Indicator
- On-Screen Video Time Code

Price: \$3999.00

Display (Viewing Area)	17"
Resolution (Pixels)	1920 x 1200
Brightness (cd/m ²)	400
Contrast Ratio	600:1
Available Input Types	HDSDI x 4, DVI-I x 1
Dimensions	18.9"W x 10.45"H x 1.40"D

QV261-HDSDI 26" Full Resolution Quad Viewer Monitor



- Quad Viewer allows viewing of 4 different inputs at once with 3 different layouts to choose from
- No need for external Under Monitor Display - "all-in-one" In-Monitor Display solution without added depth
- Supports the following protocols: Image Video/NVISION/TSL/MEI
- Full Resolution 1920 x 1200 display

- New unique RotoMenu™ feature for fast and easy menu navigation
- High resolution scaling / high quality deinterlacing
- Three-color on-screen "soft" tally indicators (Red / Green / Amber)
- Three LED color tally indicators (Red / Green / Amber)
- On-Screen Audio Presence Indicator
- On-Screen Video Time Code

Price: \$5399.00

Display (Viewing Area)	26"
Resolution (Pixels)	1920 x 1200
Brightness (cd/m ²)	500
Contrast Ratio	800:1
Available Input Types	HDSDI x 4, DVI-I x 1
Dimensions	23.25"W x 16.25"H x 2.5"D

Quad-Viewer Configurations

Allows viewing of 4 inputs on the screen at once. Each input source is scaled and positioned in real-time so that all 4 inputs can be seen. DVI-I input can replace input #4 in this mode. There are 3 different Quad layouts besides Full Screen and Split Screen to choose from:



Microsoft product screen shot reprinted with permission from Microsoft Corporation.

DUAL LINK / WAVEFORM (DLW) Series

Marshall Electronics introduces the new DLW Series to the expanding line of IMD (In-Monitor Display) Monitors. The 17" V-R171-DLW and the 26" V-R261-DLW IMD monitors include Dual Link with Waveform & Vectorscope. These new models incorporate a 10-bit "no compromise" video path along with one of the industry's first monitors equipped with 3G capability. In Quad-View mode, the monitors break the screen into four quadrants and display Audio Bars, a Waveform Monitor, Vectorscope, and live video simultaneously. Both models have two inputs supporting 3G / HD / SDI and Dual Link. A DVI input supports all HDMI modes and DVI to 170MHz.

Additional features include IMD protocol support for TSL, NVISION, Image Video, and MEI (Marshall Electronics) tally control systems, remote firmware update via RS-485, tri-color hard and soft tally, and Safety Marker configurations. Other display features include full CEA-608-B and CEA-708-B Closed Captioning.

V-R171-DLW

17" Full Resolution Dual Link / Waveform Monitor



Display (Viewing Area)	17"
Resolution (Pixels)	1920 x 1200
Brightness (cd/m ²)	400
Contrast Ratio	600:1
Available Input Types	3GSDI x 2, DVI x 1
Dimensions	17.15"W x 10.35"H x 1.1"D

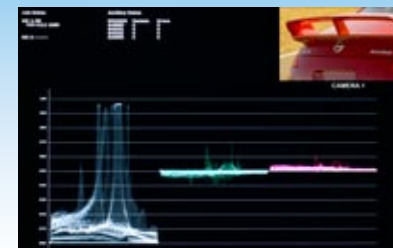
V-R261-DLW

26" Full Resolution Dual Link / Waveform Monitor



Display (Viewing Area)	26"
Resolution (Pixels)	1920 x 1200
Brightness (cd/m ²)	500
Contrast Ratio	800:1
Available Input Types	3GSDI x 2, DVI x 1
Dimensions	23.25"W x 16.25"H x 2.5"D

Features



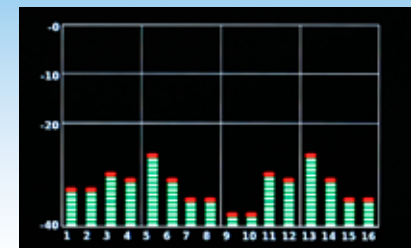
WAVEFORM MONITOR

The built-in waveform monitor can be displayed in various aspect ratios, positions, and transparency options. The waveform monitor displays YUV/RGB in both Overlay and Parade modes.



REAL-TIME COLOR VECTORSCOPE

The built-in Vectorscope allows users to monitor color gamut range in real time. It displays in various sizes, positions, and transparency options.



AUDIO LEVEL METERS

De-embeds and displays up to 16 channels of audio using sixteen 40-segment tri-color Audio Meters with user-adjustable reference levels.

Inputs:

- 2 x 3G-SDI inputs with loop-through and SD-SDI, HD-SDI, & 3G-SDI support. SDI inputs can be used in tandem to do dual link
- 1 x DVI-D input: supports digital DVI, HDMI (without audio), Analog video (RGB, YPbPr) to 162MHz

Processing:

- 10-bit image processor
- 4x3 and 16x9 aspect ratios
- High quality motion adaptive deinterlacer
- Time-code (LTC / VITC)
- 608/708 closed captioning
- Waveform monitor
- Vectorscope
- Ancillary data window
- 16 channels of audio metering (SDI inputs only)
- Standard Marshall IMD processing
- RotoMenu™ controlled OSD
- Two programmable function buttons
- System statistics monitoring in OSD
- Variety of markers

Miscellaneous:

- Hard TALLY (Red, Yellow, Green LEDs)
- Soft TALLY (in IMD)
- RS-485 interface supports Marshall, Image Video and TSL protocols
- System supports color calibration
- RS-485 based firmware update

orchid Fully-Featured Broadcast LCD Rack Mount Monitors

Marshall Electronics is pleased to announce the ORCHID series of fully-featured rack mount monitor systems. The new ORCHID Series has all the features that customers have asked for and more. All units come standard with auto-sensing HDS/SDI inputs, re-clocked outputs, and an open modular slot for additional future inputs. The OR-503 and OR-702 come with an additional HDS/SDI input. All ORCHID Series monitors include the following features:

- Real-Time Waveform Monitor
- Real-Time Color Vectorscope
- Sixteen 64-segment Tri-color Audio Meters
- Tri-Color Tally Indicator
- On-Screen Time Code
- 7 assignable GPI inputs
- Adjustable Color Temperature
- Optional Input Modules
- Auto-Sensing Front Panel Headphone Jack
- Auto-Sensing Rear Unbalanced Stereo Output
- Adjustable Clipping Indicator
- Precision Gamma Settings
- Adjustable Color Temperature
- Variety of Safety Markers
- HDS/SDI / SDI Inputs and Outputs
- Auto White Balance Calibration: *Compatible with Konica Minolta CA-210 Color Analyzer*

The built-in waveform monitor (which includes adjustable White and Black clip level indicators) can be displayed in three different aspect ratios including Full Screen. The built-in Vectorscope displays in full color and can also be displayed in three different ratios. The Vectorscope has adjustable gain from 1x to 5x. All screens are color matched at the factory and can be auto-adjusted in the field using an optional color probe system. All models will de-embed and display up to 16 channels of audio and allow the user to monitor any two channels at once through the headphone jack or rear line output jack. The 64-segment tri-color bar graph meters have user-adjustable reference levels.

OR-434 2RU Quad 4.3" Rack Mount Monitor



Display (Viewing Area)	4.3" x 4
Resolution (Pixels)	800 x 480
Brightness (cd/m ²)	200
Contrast Ratio	400:1
Available Input Types	HDS/SDI*
Available # of Slots	4
Dimensions	18.9"W x 3.47"H x 3.54"D

The OR-434 is only 2RU and has 5 user-assignable function keys with a joystick menu system.

Price: \$4,999.00

OR-503 3RU Triple 5" Rack Mount Monitor



Display (Viewing Area)	5" x 3
Resolution (Pixels)	800 x 480
Brightness (cd/m ²)	300
Contrast Ratio	500:1
Available Input Types	HDS/SDI*
Available # of Slots	3
Dimensions	18.9"W x 5.2"H x 2.38"D

The OR-503 model occupies 3RU of rack space and includes 6 user-assignable function keys as well as 4 user-assignable rotary encoders and utilizes a 5 button menu system.

Price: \$4,499.00

OR-702 3RU Dual 7" Rack Mount Monitor



Display (Viewing Area)	7" x 2
Resolution (Pixels)	800 x 480
Brightness (cd/m ²)	350
Contrast Ratio	400:1
Available Input Types	HDS/SDI*
Available # of Slots	2
Dimensions	18.9"W x 5.2"H x 2.38"D

The OR-702 model is 3RU and has 11 user-assignable function keys, a 5 button menu system, and four user-assignable rotary encoders.

Price: \$3,799.00

OR-841-HDS/SDI 8.4" Rack Mountable / Camera-Top / Portable Field Monitor



Display (Viewing Area)	8.4"
Resolution (Pixels)	1024 x 768
Brightness (cd/m ²)	400
Contrast Ratio	400:1
Available Input Types	HDS/SDI
Dimensions	8.58"W x 6.89"H x 2.65"D

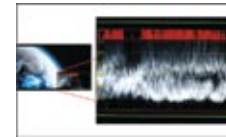
The OR-841-HDS/SDI model is 4RU and has a built-in speaker, 9 user-assignable function keys and rotary menu system. Also includes protective screen and adjustable / detachable stand with top handle.

Price: \$3,999.00

ORCHID Features

WAVEFORM MONITOR

The built-in waveform monitor (which includes adjustable White and Black clip level indicators) can be displayed in various aspect ratios, positions, and transparency options. The Waveform Monitor not only monitors luminance, but can also warn the user for out-of-range conditions such as overexposure or "blacker-than-black" errors with fully user-adjustable warning limits.



REAL-TIME COLOR VECTORSCOPE

The built-in Vectorscope allows users to monitor color gamut range in real time. It displays in full color and can also be displayed in various sizes, positions, and transparency options. The Vectorscope has adjustable gain from 1x to 5x.



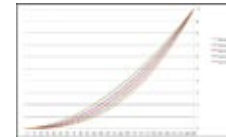
CLIP GUIDE

The Clip Guide function operates with both the Waveform display and Monochrome/Color picture display. Both the upper and lower Clip Guide levels are user-adjustable in order to accurately display over-and-under exposures during different shooting conditions. For example, the upper Clip Guide limit may be set to 85 IRE and the lower limit to 10 IRE. With these settings, any exposures over the set limit of 85 IRE will display red on both the Waveform and picture (if selected). The same will be true for blacks under 10 IRE.



PRECISION GAMMA

It is important that LCD monitors match the color and gamma characteristics of a CRT monitor. To emulate CRT gamma, the non-linear curves are corrected by software algorithms. This process is complicated because the three non-linear colors (RGB) should be corrected simultaneously. The ORCHID gamma correction overcomes this problem and ensures correct matching between panels and channels.



AUDIO LEVEL METERS

De-embeds and displays up to 16 channels of audio using sixteen 64-segment tri-color Audio Meters with user-adjustable reference levels. The Audio Level Meters provide numerical indicators and headroom levels, as well as peak hold function. Audio Channel Loss Warning prevents errors during monitoring.



FRONT AND REAR PANEL AUDIO OUTPUT

Monitor any two channels at once through the front audio output jack or rear line output jack.



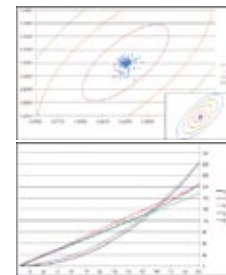
ONE BUTTON COLOR CALIBRATION

The ORCHID operating system includes an Automatic White Balance function that allows a "One Button" calibration procedure when used with a Konica Minolta CA-210 color analyzer. All ORCHID Series LCD panels are calibrated at the factory to ensure color conformity between screens.



WHITE BALANCE

White balance adjustment is essential in order to render colors correctly. To display colors correctly, gray scale should maintain identical color temperature. The white balance for ORCHID monitors defaults to D65 (6500K) so the user does not need to adjust white balance. LCD monitors have color-matching issues because white balance can be affected by a change in luminance level. Our unique color management system solves this problem.



Optional Accessories for OR-841



OR-84A Side Handle
Price: \$50.00



OR-84H Hood
Price: \$139.00



OR-84R Rack Mount Kit (Mounts two units side-by-side)
Price: \$169.00

Advanced 6.5" and 7" Portable Camera-Top / Field Monitors

The V-LCD651ST series is Marshall's line of highly praised Super Transflective Outdoor Monitors. These 6.5" portable monitors are designed specifically for outdoor applications with high ambient light. Our technology minimizes surface reflection of both outdoor and indoor light, while featuring a much wider color reproduction range than typical transflective/reflective LCDs or even those with increased backlight performance.

The V-LCD70XP series of 7" monitors are the latest update to Marshall's successful and popular line of portable field monitors. These monitors have been upgraded with even more features and versatility, but without additional cost. New features include cast metal front panel, adjustable backlight and markers, manual gamma adjustments, Image Flip, 1/4"-20 mounting on all sides, HDMI Auto Color Space and Ratio detect (V-LCD70XP-HDMI), and a more robust power switch. These portable monitors are the perfect solution for DSLR and video professionals seeking to capture their best shots.

Our 6.5" and 7" models offer a number of features including a wide variety of screen formats and markers, 4 user-configurable front panel function buttons, RGB Check Field / Field Detect, and RGB gain and bias control. Two other major features include Marshall's industry leading FALSE COLOR and PEAKING Filters. These units also offer the ability to adapt up to nine different battery configurations for providing mobile operation in the field. This option provides flexibility when using different cameras or configurations. Our large selection of battery adapters can be interchanged (or "swapped" out) by the end-user*.

7" XP Monitors

6.5" Outdoor Monitors

V-LCD70XP-HDA



- High resolution 800 x 480 LCD panel
- Manual Gamma Adjustment
- Adjustable Backlight
- Image Flip
- 1/4"-20 Mounts on all sides
- More robust Power switch
- Improved, more rugged front panel
- Variety of Markers, including user-adjustable
- False Color On/Off
- Peaking Filter On/Off
- 4 user-configurable function buttons
- Scratch Resistant Protective Screen
- RGB gain and bias control
- RGB Check Field/Field Detect
- Variety of User-Replaceable Battery Adapters

Price: \$999.00

V-LCD651ST-HDA



- Super Transflective 1024 x 768 LCD panel
- Durable, thin, and lightweight construction
- 650 cd/m² brightness, 500:1 contrast ratio
- 4 user-configurable function buttons
- RGB gain and bias control
- Optional Heavy-Duty Protective Shield
- False Color On/Off
- Peaking Filter On/Off
- RGB Check Field/Field Detect
- 16:9, 4:3, Pixel-to-Pixel modes
- Variety of Markers
- Variety of User-Replaceable Battery Adapters*

Price: \$1899.00

V-LCD70XP-HDMI



- High resolution 800 x 480 LCD panel
- HDMI Auto Color Space and Ratio detect
- Manual Gamma Adjustment
- Adjustable Backlight
- Image Flip
- 1/4"-20 Mounts on all sides
- More robust Power switch
- Improved, more rugged front panel
- False Color On/Off
- Peaking Filter On/Off
- 4 user-configurable function buttons
- Scratch Resistant Protective Screen
- RGB gain and bias control
- RGB Check Field/Field Detect
- Variety of Markers, including user-adjustable
- Variety of User-Replaceable Battery Adapters

Price: \$1099.00

V-LCD651ST-HDMI



- Super Transflective 1024 x 768 LCD panel
- Durable, thin, and lightweight construction
- 650 cd/m² brightness, 500:1 contrast ratio
- 4 user-configurable function buttons
- RGB gain and bias control
- Optional Heavy-Duty Protective Shield
- False Color On/Off
- Peaking Filter On/Off
- RGB Check Field/Field Detect
- 16:9, 4:3, Pixel-to-Pixel modes
- Variety of Markers
- Variety of User-Replaceable Battery Adapters*

Price: \$1999.00

V-LCD70XP-3GSDI



- High resolution 800 x 480 LCD panel
- Manual Gamma Adjustment
- Adjustable Backlight
- Image Flip
- 1/4"-20 Mounts on all sides
- More robust Power switch
- Improved, more rugged front panel
- Variety of Markers, including user-adjustable
- False Color On/Off
- Peaking Filter On/Off
- 4 user-configurable function buttons
- Scratch Resistant Protective Screen
- RGB gain and bias control
- RGB Check Field/Field Detect
- Variety of User-Replaceable Battery Adapters

Price: \$1299.00

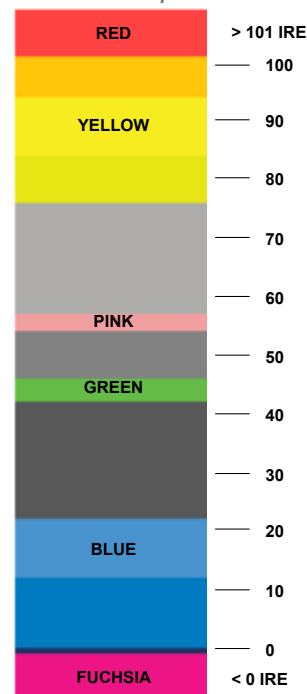
V-LCD651ST-3GSDI



- Super Transflective 1024 x 768 LCD panel
- Durable, thin, and lightweight construction
- 650 cd/m² brightness, 500:1 contrast ratio
- 4 user-configurable function buttons
- RGB gain and bias control
- Optional Heavy-Duty Protective Shield
- False Color On/Off
- Peaking Filter On/Off
- RGB Check Field/Field Detect
- 16:9, 4:3, Pixel-to-Pixel modes
- Variety of Markers
- Variety of User-Replaceable Battery Adapters*

Price: \$2199.00

False Color Key



False Color Filter

CAMERA FEED WITHOUT FILTER	WITH FALSE COLOR FILTER	
		OVEREXPOSED Overexposed objects will display as RED
		UNDEREXPOSED Underexposed objects show as DEEP-BLUE to DARK-BLUE
		PROPERLY EXPOSED Properly exposed objects will display elements of GREEN and PINK

The **False Color Filter** is used to aid in the setting of camera exposure. As the camera Iris is adjusted, elements of the image will change color based on the luminance or brightness values. This enables proper exposure to be achieved without the use of costly, complicated external test equipment.

Peaking Filter (Focus Assist)

SUBJECT OUT-OF-FOCUS WITH FILTER OFF	SUBJECT IN-FOCUS WITH FILTER OFF
SUBJECT OUT-OF-FOCUS WITH FILTER ON	SUBJECT IN-FOCUS WITH FILTER ON

The **Peaking Filter** is used to aid the camera operator in obtaining the sharpest possible picture. When activated, all color will be removed from the display and a black-and-white image will remain. The internal processor will display RED color on the screen where sharp edges appear. When the camera operator adjusts (or "racks") the focus control (on the cage is sharp or in focus. Final focus is achieved by racking the camera lens focus control back and forth until the desired portion of the image has RED colored edges. This feature is most effective when the subject is properly exposed and contains enough contrast to be processed.

6.5" and 7" Monitor Battery Compatibility

MARSHALL MOUNTING PLATE ADAPTER	BATTERY TYPE	RECOMMENDED BATTERY / VOLTAGE
Field-Interchangeable Battery Adapter Options		
CM - Part # 0071-1307-A	Canon	Canon BP-970G / 7.2V
JM - Part # 0071-1308-A	JVC	JVC BN-V438U / 7.2V
PM - Part # 0071-1306-A	Panasonic	Panasonic CGA-D54 / 7.2V
PV - Part # 0071-1309-A	Panasonic	Panasonic VW-VBG6 / 7.2V
SB - Part # 0071-1305-A	Sony B Series	Sony BP-V60 / 14.4V
SM - Part # 0071-1304-A	Sony M Series	Sony NP-QM91 / 7.2V
SL - Part # 0071-1303-A	Sony L Series	Sony NP-F970 / 7.2V
AB - Part # V-ABA-02*	Anton Bauer <i>(Uses Anton Bauer Gold Mount plate)</i>	Anton Bauer Hytron 50 14.4V
VM - Part # IDX-M-EB-RAW*	V-Mount <i>(Uses IDX plate with riser)</i>	E-75 14.4V

*V-Mount ("VM") and Anton/Bauer ("AB") battery configurations require factory installation and are NOT user-replaceable on the 6.5". There is also a cost difference with larger batteries.

*V-Mount ("VM") and Anton/Bauer ("AB") battery configurations require factory installation and are NOT user-replaceable on the 6.5". There is also a cost difference with larger batteries.

Rack Mounted / Stand-Alone Monitors with In-Monitor Display (IMD) Functionality

Marshall Electronics offers the industry's first full lineup of LCD panels with In-Monitor Display functionality. These rack-mountable and stand-alone monitors are cost-effective "all-in-one" solutions for post production houses, broadcasters, and mobile units. Marshall's IMD series is a fully-integrated solution that allows UMD information and tallies to be displayed directly within an LCD flat panel monitor, while saving precious rack space. A variety of features are readily available including on-screen Video Time Code, three-color "Soft" Tallies, and Audio Presence Indicator. These displays also include our new RotoMenu™ feature which allows fast, direct, and easy menu navigation.

Marshall's IMD monitors integrate easily with existing Tally systems and controllers, while supporting Image Video, NVISION, TSL, and MEI (Marshall) protocols. They are a perfect solution for large Video Wall applications and systems, and can also be used as stand-alone displays with HDSDI loop-through.

IN-MONITOR DISPLAY (IMD) FEATURES

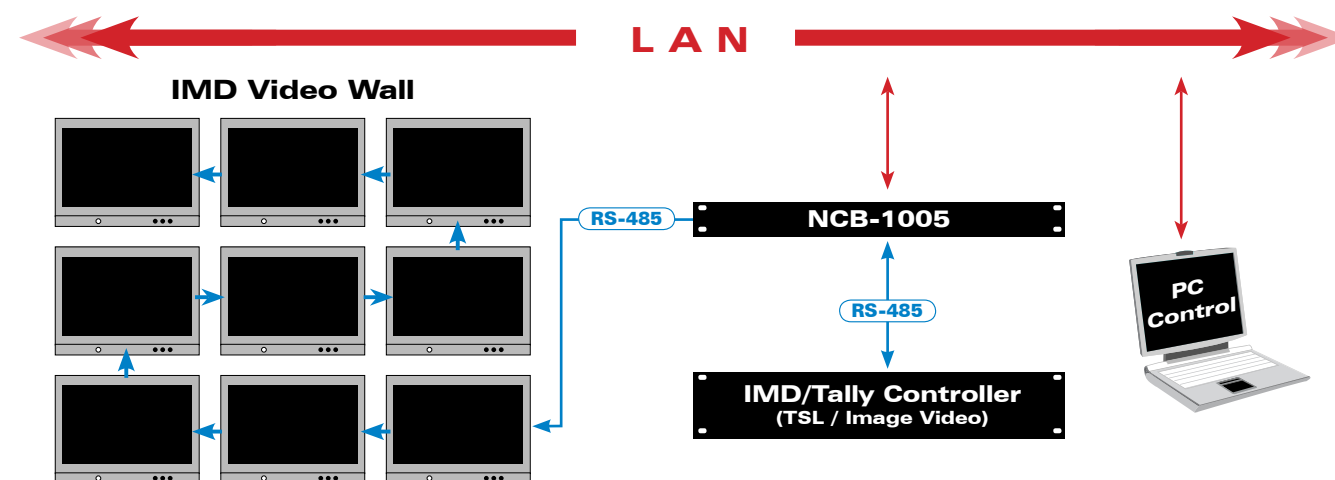


1	CAMERA 1	CENTER DISPLAY Marshall's IMD monitors integrate easily with existing Tally systems and controllers. Supports Image Video, NVISION, TSL, and MEI (Marshall) protocols. <i>Future protocol support to be available via software upgrades.</i>
2	 Three Colors Two Colors One Color	SOFT TALLY On-screen tri-color tallies (Red / Green / Amber) offer better flexibility and visibility with many different applications, specifically in multi-display and mobile applications. Each on-screen tally can be individually controlled either through RS-422 / 485 port or DB-15 connector (contact closure).
3	 Amber Red Green	HARD TALLY Tally LEDs are provided as general purpose indicators. Each LED can be individually controlled either through RS-422 / 485 port or DB-15 connector (contact closure).
4	01:10:30:14	TIME CODE Video Time Code is decoded from SDI / HDSDI auxiliary data stream and integrated on-screen for quick and easy reference.
5	 Audio Present No Audio Present	AUDIO PRESENCE "Audio Present" indicates that embedded audio is detected from HDSDI auxiliary data stream. "No Audio Present" indicates that embedded audio is not detected from HDSDI auxiliary data stream.
6	 RS-422 / 485 IN / OUT	RS-422 / 485 CONTROL RS-422 / 485 connection with loop-through for control communication, IMD functionality, and field-upgradeable firmware capability.
7	 ROTOMENU	ROTOMENU™ Offers fast, direct, and easy menu navigation with just a single digital rotary switch.



This 1RU network control box passes through Under-Monitor Display (UMD) protocols to be displayed on Marshall Electronics IMD-capable monitors. The NCB-1005 offers complete control of each monitor's menu functions and controls such as contrast, color, curtain color, ratio, etc. The monitors can also be controlled individually, by group, or on a global scale. The NCB-1005 connects directly to any TCP/IP 10/100 Ethernet connection. No special application is required since operability interfaces directly through any regular web browser.

- Ethernet: RJ-45 (supports 10/100)
- RS-485 input connection for 3rd party IMD/Tally controller
- Four RS-485 output ports to connect to Marshall Monitors
- Each RS-485 port can support up to 128 LCD panels
- Send and retrieve all internal monitor functions
- Supported Protocol: Image Video, TSL, Marshall
- Web browser interface



The NCB-1005 has an easy-to-navigate user interface. The operability interfaces through any regular web browser which allows direct access to OSD and Display functionality and control.



SPECIFICATIONS:	
Max LCD panel control (per NCB)	512
Max LCD panel per port	128
Ports	RJ-45 (10/100 compatible) x 1, RS-485 control port x 1 (IN), RS-485 x 4 (OUT)
Protocols	Image Video, TSL, Marshall
Max cable run	2000' per port
Dimensions	18.96" w x 1.72" h x 8.37" d (481.584mm x 43.688 mm x 212.598mm)
Weight	5.5 lbs.
Power Consumption	Approx. 50W

Super Transflective Outdoor High Definition / Standard Definition Monitors

Marshall Electronics offers a full line of Super Transflective Outdoor Monitors designed specifically for outdoor applications with high ambient light. This technology minimizes surface reflection of both outdoor and indoor light, while featuring a much wider color reproduction range than typical transflective/reflective LCDs or even those with increased backlight performance. Marshall's super-transmissive LCDs provide improved visibility by producing high-contrast images and a wider viewing angle.

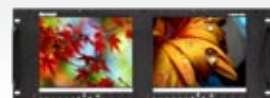
RACKS



V-R653SB-IMD

Triple 6.5" Super Transflective Outdoor High Definition LCD Rack with SDI/HDSI and In-Monitor Display (IMD) functionality. Advanced features include On-Screen Video Time Code, Audio Presence Indicator, Three-Color "Soft" Tally Indicators, and more. Screen resolution is 1024 x RGB x 768.

Price: \$5999.00



V-R82SB-AFHD

Dual 8.4" Super Transflective Outdoor High Definition LCD Rack with Composite, S-Video, SD/HD Component, SDI/HDSI, VGA, and DVI inputs. Advanced features include Aspect Ratio, Screen Markers, Safe Area, Blue Only, Monochrome mode, Color Temperature settings, User Presets, and more. Screen resolution is 800 x RGB x 600.

Price: \$4999.00

MONITORS



V-LCD65SB-HDA

6.5" Super Transflective Outdoor High Resolution LCD Monitor with SD/HD Component and Composite Inputs. Ideal as a field monitor with direct access to advanced features such as Image Flip, Aspect Ratio, Center Marker, Safe Area, RGB Calibration, and more. Screen resolution is 640 x RGB x 480.

Price: \$1799.00



V-LCD651ST-HDA

6.5" Super Transflective Outdoor High Resolution LCD Monitor with Composite and SD/HD Component Inputs. Ideal as a field monitor with direct access to advanced features such as False Color and Peaking Filters, Aspect Ratio, Center Marker, Safe Area, and more. Screen resolution is 800 x RGB x 480.

Price: \$1899.00



V-LCD651ST-HDMI

6.5" Super Transflective Outdoor High Resolution LCD Monitor with Composite, SD/HD Component, and HDMI Inputs. Ideal as a field monitor with direct access to advanced features such as False Color and Peaking Filters, Aspect Ratio, Center Marker, Safe Area, and more. Screen resolution is 800 x RGB x 480.

Price: \$1999.00



V-LCD651ST-3GSDI

6.5" Super Transflective Outdoor High Resolution LCD Monitor with Composite, SD/HD Component, and 3G/HD/SDI Inputs. Ideal as a field monitor with direct access to advanced features such as False Color and Peaking Filters, Aspect Ratio, Center Marker, Safe Area, and more. Screen resolution is 800 x RGB x 480.

Price: \$2199.00



V-LCD84SB-AFHD

8.4" Super Transflective Outdoor High Definition LCD Monitor with Composite, S-Video, SD/HD Component, SDI/HDSI, VGA, and DVI inputs. Advanced features include Aspect Ratio, Screen Markers, Safe Area, Blue Only, Monochrome mode, Color Temperature settings, User Presets and more. Screen resolution is 800 x RGB x 600.

Price: \$2999.00



V-LCD15SB-AFHD-DT

15" Super Transflective Outdoor High Definition LCD Monitor with Composite, S-Video, SD/HD Component, SDI/HDSI, VGA, and DVI inputs. Advanced features include Aspect Ratio, Screen Markers, Safe Area, Blue Only, Monochrome mode, Color Temperature settings, User Presets, and more. Includes desktop stand. Screen resolution is 1024 x RGB x 768.

Price: \$2999.00

LYNX™ Series Monitors

Ranging in various screen sizes, Marshall Lynx Monitors offer an economic price point and high performance features for any application requiring a high quality, professional-grade LCD monitor. User-friendly OSD, low profile design, and multiple input and output options make the Lynx Series Monitors an ideal fit for commercial and industrial use. Dynamic noise reduction removes unwanted artifacts in video material, and 2D & 3D comb filter technology minimizes ghosting in motion video. Ideal for high traffic public areas, Marshall Lynx Universal monitors offer high resolution capability, as well as impressive contrast ratios and brightness levels so you'll experience crystal-clear images every time. Marshall Lynx Series Monitors are designed, engineered and manufactured for quality, reliability and affordability.



M-Lynx-10W

Marshall's 10" widescreen Lynx LCD monitor offers 1024 x 600 pixel resolution with great flexibility. The M-Lynx-10W provides a sleek, thin, and lightweight black gloss design. The front panel's touch buttons allow simple menu navigation and control. Other features include an adjustable stand, multiple A/V inputs, thin card remote, and built-in rear panel speakers.

Price: \$469.00



M-Lynx-10

Ideal for mobile applications and tight spaces, Marshall's 10" Lynx LCD monitor offers 800 x 600 pixel resolution with digital image processing, a digital comb filter and clock-frequency auto correction for a crisp, clear picture. With a slim, portable design, the M-Lynx-10 is an excellent standard definition monitor for audio/visual, security, and industrial applications.

Price: \$379.00



M-Lynx-15

The M-Lynx-15 delivers a stunning 1024 x 768 resolution picture in a 15" screen size. Using advanced video technologies such as 3D dynamic digital compensation, 3D comb filter, and bandwidth auto compensation, this sturdy workhorse is well suited for a variety of audio/visual, security and industrial applications. Additional features include auto-clock frequency phase correction, built-in speakers and a user-friendly OSD that makes set-up and operation quick and easy.

Price: \$499.00



M-Lynx-17

With 1280 x 1024 resolution, the M-Lynx-17 universal monitor is an excellent choice for audio/visual, security and industrial applications. Incorporating advanced video technologies such as 3D dynamic digital compensation, 3D comb filter, and bandwidth auto compensation, this 17" LCD offers clear and vibrant images in a thin, lightweight package. Additional features include auto-clock frequency phase correction, built-in speakers and a user-friendly OSD that makes set-up and operation quick and easy.

Price: \$579.00



M-Lynx-19

The M-Lynx-19 offers a stunning 1280 x 1024 resolution picture, making it the perfect choice for audio/visual, security and industrial applications. This universal monitor delivers a crystal clear high definition picture and includes advanced video technologies such as 3D dynamic digital compensation, RGB digital phase lock, and 3D comb filter. Additional features include auto-clock frequency phase correction, built-in speakers and a user-friendly OSD.

Price: \$679.00



M-Lynx-26

The M-Lynx 26" offers an eye-popping 1920 X 1080 resolution picture in a 16:9 format. Features like 3D comb filter technology help minimize ghosting in motion video, and the M-Lynx-26 includes inputs for composite video, S-Video, YPbPr, VGA, and DVI. Advanced video technologies ensure a crisp, clear picture quality, making the M-Lynx-26 ideal for audio/visual, security, as well as a variety of industrial applications.

Price: \$1449.00



V-C210B-HDSDI Block Camera

The V-C210B-HDSDI Block camera is a full HD production Block Camera module that can be mounted in the tightest spaces. Flexible HDMI and HD-SDI outputs provide a choice of video formats. The unit's small enclosure and wireless remote, combined with instant auto-focus and fast accurate zoom allow for extremely flexible POV camera placement. The V-C210B-HDSDI requires only a 12VDC supply and consumes less than 3.6 watts of power. Low light sensitivity along with wide dynamic range increases the possible uses for this versatile camera module.

- Full HD 1920x1080, 1280x720, 30p/60i video
- HD-SDI video output
- HDMI video output
- Composite video output
- S-Video output
- RS-232 I/O
- IR Control
- 10X Optical Zoom F1.8 Lens
- Built-in Electronic Image Stabilization

V-C210B-HDSDI BLOCK CAMERA SPECIFICATIONS:

Image Sensor	1 / 2.5" CMOS	Gain	Auto / Manual
Pixels	2,200,000	Backlight Control	On / Off
Video Outputs	HDSDI, HDMI, S-Video and Composite	Image Flip	Vertical and Horizontal
Lens	10X zoom (F1.8), f=4.5mm to 45mm	Output Formats	HD-SDI / HDMI support: 1080i/59.94, 1080i/50, 720p/59.94, 720p/50
Digital Zoom	12X (120x with optical zoom)	S-Video Supports	NTSC / PAL
Min Illum	12Lux (F1.8 @50IRE)	Composite Supports	NTSC / PAL
OSD	Yes	Voltage Input	7 to 18V DC
Focus	Auto / Manual OSD selectable	Power Consumption	3.6W @ 12V DC
Control I/O	RS-232, I/R	Weight	8.5 oz.
S/N ratio	50 dB or more	Dimensions	2.2" x 2" x 2.5"
Shutter Speed	1/2 to 1/10,000 sec		

V-C210-HDSDI Box Camera



The V-C210-HDSDI camera is designed for superior quality high resolution video up to 1920 x 1080i. The HDSDI interface allows transmission of high definition video up to 200 meters over standard coaxial cable. An F1.8, f=4.5 to 45 mm 10x optical zoom lens along with 12x digital zoom combine for up to 120x magnification. All this is packaged in a small, sleek aluminum enclosure. A 1/4"-20 mounting receptacle may be attached to either the top or the bottom of the enclosure. This along with horizontal and vertical flip allows easy mounting for almost any POV location.

- Full HD 1920x1080, 1280x720, 30p/60i video
- HD-SDI video output
- Sleek aluminum enclosure
- 1/4"-20 mounting receptacle
- Horizontal and Vertical Flip
- RS-232 I/O
- IR Remote Control
- 10X Optical Zoom F1.8 Lens
- Built-in Electronic Image Stabilization

V-C210-HDSDI BOX CAMERA SPECIFICATIONS:

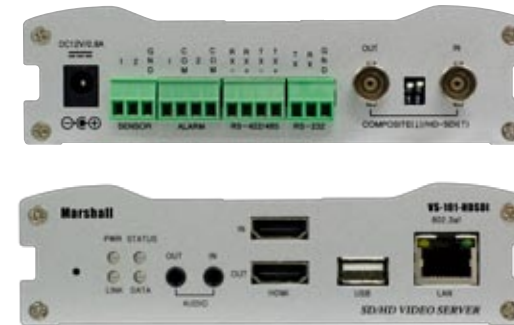
Image Sensor	1 / 2.5" CMOS	Gain	Auto / Manual
Pixels	2,200,000	Backlight Control	On / Off
Video Outputs	HDSDI	Image Flip	Vertical and Horizontal
Lens	10X zoom (F1.8), f=5.1mm to 51mm	Output Format	HD-SDI supports 1080i/59.94, 1080i/50, 720p/59.94, 720p/50
Digital Zoom	12X (120x with optical zoom)	Video Interface	BNC
Min Illum	12 Lux (F1.8 @50IRE)	Voltage Input	12V +/-2 DC
OSD	Yes	Power Consumption	6W @ 12V DC
Focus	Auto / Manual OSD selectable	Weight	1 lb.
Control I/O	RS-232, I/R	Dimensions	2.6" x 2.4" x 5.5"
Shutter Speed	1/2 to 1/10,000 sec		

Marshall VS-101-HDSDI H.264-based Video Server (Codec System)

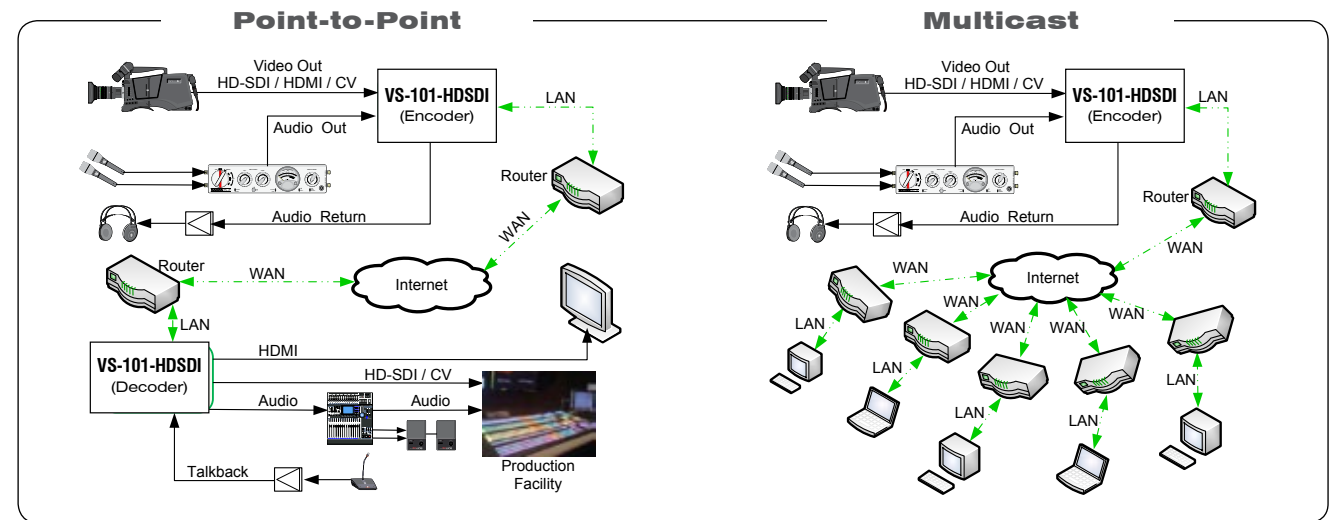
The Marshall VS-101-HDSDI is a High Definition Video Server that allows real-time transmission of an SD/HD-SDI, HDMI, or NTSC/PAL composite video signal along with bi-directional AAC encoded high definition stereo audio over standard IP networks and the internet. The Marshall VS-101-HDSDI incorporates advanced H.264 and MJPEG compression technology. This allows 50% more compression capacity over an existing IP Network, while providing optimal video transmission quality even in networks with limited bandwidth.



The VS-101-HDSDI may be configured to operate as a Point-to-Point talent monitoring system. For example, the unit can operate as an encoder to compress and transmit A/V data over a LAN to another VS-101-HDSDI located in a Green Room or other location. The other unit can act as a decoder which receives the compressed data through the LAN and restores the data to its' original high definition state. Additionally, other computers or VS-101-HDSDI decoders connected to the same network can monitor both the audio and video in multiple locations throughout a venue such as dressing rooms, stage manager, or box office at the same time. When properly configured, the VS-101-HDSDI may be simultaneously monitored through the internet.



- High quality compression algorithm (H.264/MJPEG)
- AAC Advanced Audio Codec
- Encoder/Decoder selectable
- Full-duplex audio
- Supports video resolutions up to 1920 x 1080i at 60fps
- Protocols : TCP/IP, Multicast, HTTP, SMTP, SNMP, FTP, DHCP, DNS, Dynamic DNS, RTP, RTSP
- Real-time monitoring through Microsoft® Internet Explorer™
- Composite NTSC/PAL support
- SD/HD-SDI support
- HDMI support
- Dynamic IP support with Dynamic DNS
- Power over Ethernet (PoE) support
- Local Data storage thru USB 2.0
- Automatic system recovery
- Support for PTZ and Controller



SECTION	SPECIFICATION	
System	System Mode	Encoder, Decoder
Network	Network Interface	Ethernet 10/100Base-T (RJ-45)
	Network Protocol	TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP
	Standards	Main Stream: H.264 Secondary Stream: H.264
Video	Data Rate	32Kbps ~ 8Mbps
	Resolution	1920x1080/60i ~ 352x240/30fps, 18 resolution step
	Frame Rate Range	1 ~ 30fps
	Frame Rate Range	NTSC : 0.2 ~ 30fps / PAL : 0.2 ~ 25fps
	Input 1	1 x HDMI type A, HDMI RX
	Input 2	1 x BNC, Composite or SD/HD-SDI
	Output 1	1 x HDMI type A, HDMI TX
	Output 2	1 x BNC, Composite or SD/HD-SDI
	Motion Detection	Sensitivity Adjustment
	Standards	AAC Advanced Audio Codec
Audio	Sample Rate	Up to 128KHz
	Input	1 x Line-In (3.5mm Mini-Stereo, Single Mono)
	Output	1 x Line-Out (3.5mm Mini-Stereo, Single Mono)





Marshall Rack Mount Digital Audio Monitors with Dolby® Digital/Dolby® E Capability

Marshall Electronics offers the AR-DM Series Rack Mount Digital Audio Monitors – high quality, ultra-nearfield audio monitoring systems for space critical environments with interchangeable input / output modules and field-upgradeable firmware capability.

Featuring four models (two 1RU and two 2RU units), the AR-DM Series Digital Rack Mount Audio Monitors are ideal for TV facilities, studios, post production, VTR bays, mobile production vehicles, satellite links, and wherever multichannel audio monitoring is required. All models support 16 audio channels with four slots available for interchangeable input / output modules. The AR-DM series provides pristine audio quality and unrivaled flexibility with 100% digital processing, Class D (digital) amplification, selectable stereo downmix modes, Dolby® Digital / Dolby® E decoding capability (with optional Dolby® E module), a headphone jack with Level control, and an RS-485 port for on-site firmware upgrades.

The AR-DM1 provides tri-color LEDs for monitoring signal presence and system status while the AR-DM1-B and AR-DM2-B provide 10 and 20-segment tri-color bargraphs respectively. Both VU and peak metering are supported. The flagship AR-DM2-L provides dual 4” high resolution 640xRGBx480 LCD monitors capable of displaying a wealth of information, including a high contrast, tri-color 16-bar graph display in one window while showing critical Metadata or Channel Status information in the other. Channel, Group, Mix, Dolby®, Balance selection, and saved configurations are easily accessed via the system’s large navigation buttons. For audio playback, 1RU units provide twin loudspeakers, while 2RU models provide larger, high performance transducers and subwoofer.

Digital

1RU Frames	2RU Frames
<p>AR-DM1 16 Channel Digital Audio Monitor-1RU Mainframe</p>  <p>Price: \$2199.00</p>	<p>AR-DM2-B 16 Channel Digital Audio Monitor-2RU Mainframe with Tri-Color LED Bar Graphs</p>  <p>Price: \$3099.00</p>
<p>AR-DM1-B 16 Channel Digital Audio Monitor – 1RU Mainframe with Tri-Color LED Bar Graphs</p>  <p>Price: \$2599.00</p>	<p>AR-DM2-L 16 Channel Digital Audio Monitor-2RU Mainframe with Dual High-Resolution LCD Displays</p>  <p>Price: \$3599.00</p>

- Only 1RU (1.75”)
- 16 LED Indicators for channel presence (AR-DM1)
- 16 Tri-Color VU/PPM 10-Segment LED Bar Graphs (AR-DM1-B)
- User-configurable with a variety of modules
- 100% Digital Processing
- Class D Audio Amplification
- Dolby® Digital / Dolby® E Decoding (with optional ARDM-D552 module)
- Selectable Stereo Downmix Modes
- RS-485 Port enables on-site firmware upgrades
- Balance and Volume Control
- 1/4” Headphone Jack
- 4 Available Slots for Modules

MIX & MATCH
Modules

- 16 Tri-Color VU/PPM 20-Segment LED Bar Graphs (AR-DM2-B)
- 2 High Resolution LCD Displays capable of displaying meters, metadata, channel status, and more (AR-DM2-L)
- User-configurable with a variety of modules
- 100% Digital Processing
- Class D Audio Amplification
- Powerful Stereo Speakers and Subwoofer
- Dolby® Digital / Dolby® E Decoding (with optional ARDM-D552 module)
- Selectable Stereo Downmix Modes
- RS-485 Port enables on-site firmware upgrades
- Balance and Volume Control
- 1/4” Headphone Jack
- 4 Available Slots for Modules

MIX & MATCH
Modules

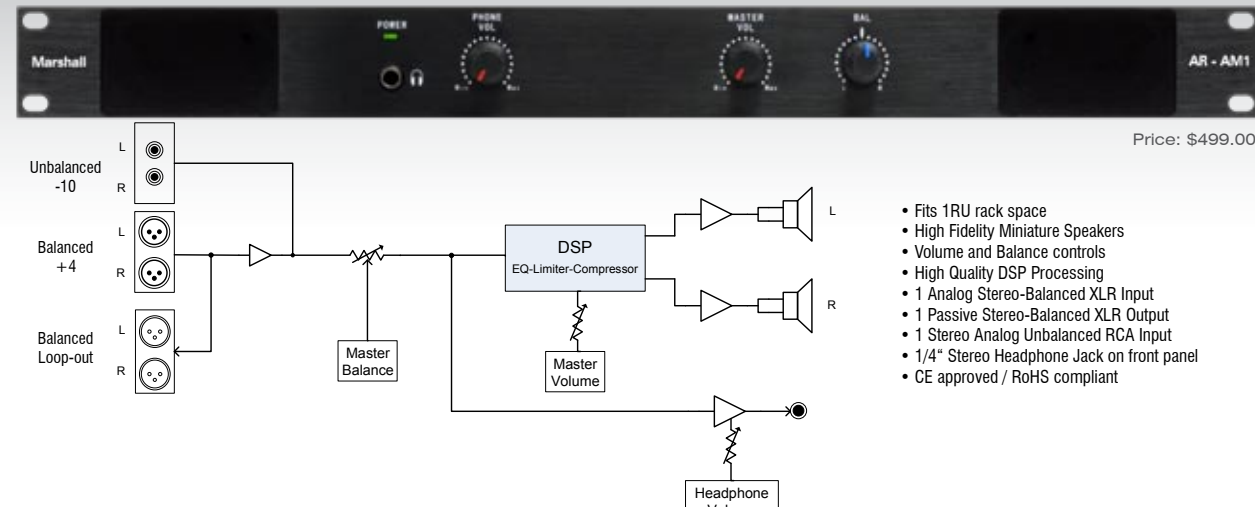
Input / Output Modules

<p>ARDM-HDSDI</p> <ul style="list-style-type: none"> • Multi-Rate SDI/HD-SDI Video Input (Auto-Detect) • Re-Clocked SDI/HD-SDI Loop-Through Output • SDI: SMPTE 259M-C / HD-SDI: SMPTE 292M • Supports 8 Stereo Embedded Channels or Dolby® Multi-Channel Decoding* <p>Price: \$499.00</p>	<p>ARDM-AES-BNC</p> <ul style="list-style-type: none"> • 4 Unbalanced AES/EBU Inputs (BNC) • 4 Passive Loop-Through Outputs (BNC) • Supports 4 Stereo Channels or Dolby® Multi-Channel Decoding* <p>Price: \$499.00</p>	<p>ARDM-AES-XLR</p> <ul style="list-style-type: none"> • 4 Balanced AES/EBU Stereo Inputs (DB-25) • 4 Passive Loop-Through Outputs (DB-25) • Break-Out Cable included (DB-25 to 8 XLR) • Supports 4 Stereo Channels or Dolby® Multi-Channel Decoding* <p>Price: \$499.00</p>	<p>ARDM-AA-8XLR</p> <ul style="list-style-type: none"> • 8 Balanced Analog Audio Inputs (DB-25) • Nominal level : 0, +4, +6, or +8 dBu = -20dBfs • Break-Out Cable included (DB-25 to XLR) <p>Price: \$499.00</p>
<p>ARDM-AA-2OUT</p> <ul style="list-style-type: none"> • 2 Balanced Analog Audio Outputs • Nominal level : -20 dBfs = +8 dBu • Excellent for on-the-fly 2-channel monitoring <p>Price: \$499.00</p>	<p>ARDM-AES-4OUT</p> <ul style="list-style-type: none"> • 4 Unbalanced AES/EBU Outputs (75Ω BNC) • Capable of 4 AES/EBU Outputs De-embedded from HD-SDI or SD-SDI input • Capable of 4 AES/EBU Outputs Decoded <p>Price: \$499.00</p>	<p>ARDM-D552</p> <p>Dolby® E / Dolby® Digital Decoder Module</p> <p>* Required for multi-channel decoding</p> <p>Price: \$1799.00</p>	

*Requires optional Dolby® E / Dolby® Digital Decoder Module (ARDM-D552)

Analog

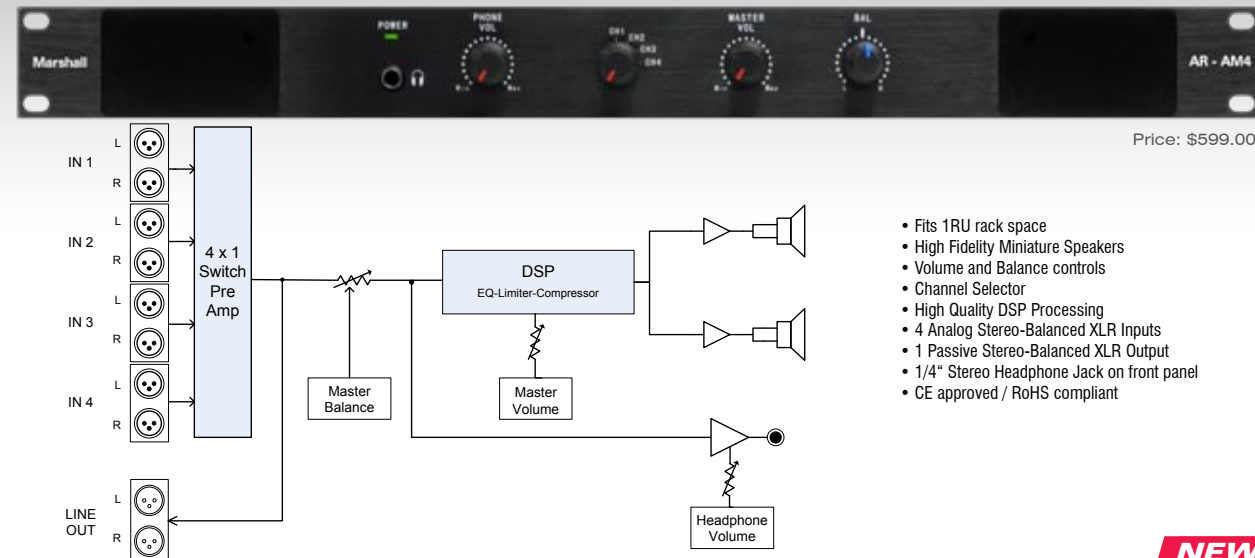
AR-AM1 High Quality 1RU Rack Mountable Analog Audio Monitor with Digital Signal Processing



Price: \$499.00

- Fits 1RU rack space
- High Fidelity Miniature Speakers
- Volume and Balance controls
- High Quality DSP Processing
- 1 Analog Stereo-Balanced XLR Input
- 1 Passive Stereo-Balanced XLR Output
- 1 Stereo Analog Unbalanced RCA Input
- 1/4” Stereo Headphone Jack on front panel
- CE approved / RoHS compliant

AR-AM4 High Quality 1RU Rack Mountable Analog 4-Channel Audio Monitor with Digital Signal Processing

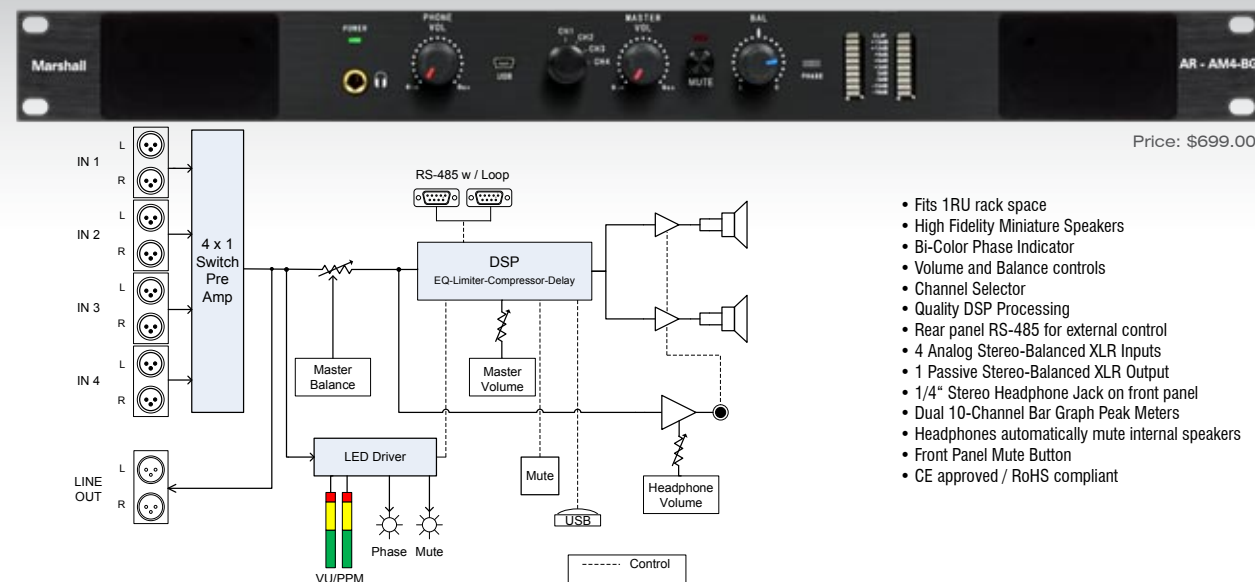


Price: \$599.00

- Fits 1RU rack space
- High Fidelity Miniature Speakers
- Volume and Balance controls
- Channel Selector
- High Quality DSP Processing
- 4 Analog Stereo-Balanced XLR Inputs
- 1 Passive Stereo-Balanced XLR Output
- 1/4” Stereo Headphone Jack on front panel
- CE approved / RoHS compliant

NEW

AR-AM4-BG High Quality 1RU Rack Mountable Analog 4-Channel Audio Monitor with DSP and Peak Meters



Price: \$699.00

- Fits 1RU rack space
- High Fidelity Miniature Speakers
- Bi-Color Phase Indicator
- Volume and Balance controls
- Channel Selector
- Quality DSP Processing
- Rear panel RS-485 for external control
- 4 Analog Stereo-Balanced XLR Inputs
- 1 Passive Stereo-Balanced XLR Output
- 1/4” Stereo Headphone Jack on front panel
- Dual 10-Channel Bar Graph Peak Meters
- Headphones automatically mute internal speakers
- Front Panel Mute Button
- Headphones automatically mute internal speakers
- CE approved / RoHS compliant

LCD Racks

Composite only

COMING SOON

Display	# of Displays	Rack Spaces (Rack Depth)	Resolution x RGB (Luminance in cd/m ²)	S-Video	Composite	Component HD/SD	SDI	HDS/SDI	VGA	DVI (HDMI w/Adapter)	SDI Embedded	AES/EBU	Balanced XLR	Unbalanced RCA	Tally	Features	Price
V-R35P 	3.5" (4:3)	10	3RU D(2.6") 960 x 234 (220)		1 (10)											<ul style="list-style-type: none"> New and Improved The only rack on the market with 10 displays in 3RU High Resolution LCD Panels Active Loop-Through Outputs NTSC/PAL Auto-Recognition Blue screen when signal not present 	\$3299.00
V-R43P 	4" (4:3)	3	2RU D(1.9") 480 x 234 (250)		2 (6)											<ul style="list-style-type: none"> Ultra-Compact: Only 2RU Active Loop-Through Outputs NTSC/PAL Auto-Recognition Low Cost 	\$1299.00
V-R44P 	4" (4:3)	4	2RU D(1.9") 480 x 234 (250)		1 (4)											<ul style="list-style-type: none"> Ultra-Compact: Only 2RU Active Loop-Through Outputs NTSC/PAL Auto-Recognition Low Cost 	\$1699.00
V-R563P 	5.6" (4:3)	3	3RU D(2.5") 320 x 234 (250)		2 (6)											<ul style="list-style-type: none"> High Resolution LCD Panels Built-in Color Bar Generator Blue screen when signal not present 	\$1799.00
V-R63P 	5.8" (16:9)	3	3RU D(2.5") 400 x 234 (350)		2 (6)											<ul style="list-style-type: none"> Widescreen High Resolution Panels 16:9/4:3 Aspect Ratio Selectable Blue screen when signal not present Input settings stored in memory during power cycle NTSC/PAL Selectable Active Loop-Through / Bar Generator 	\$3099.00
V-R72DP-2C 	7" (16:9)	2	3RU D(2.5") 800 x 480 (380)		2 (4)											<ul style="list-style-type: none"> 1.2 TFT-MegaPixel 7" Widescreens 800 x 480 Dots with 1.2 million pixels 100% Digital Processing Bright 380 cd/m² luminance 400:1 Contrast Ratio 16:9/4:3 Selectable Built-in Color Bar Generator 	\$1999.00
V-R72DP 	7" (16:9)	2	3RU D(2.5") 800 x 480 (380)		6 (12)											<ul style="list-style-type: none"> 1.2 TFT-MegaPixel 7" Widescreens 800 x 480 Dots with 1.2 Million Pixels 100% Digital Processing High Brightness: 380 cd/m² luminance 400:1 Contrast Ratio Built-in Router: Any of 6 inputs on any display Each display can sequence through all active inputs 	\$2995.00
V-R81PA 	7.9" (4:3)	1	4RU D(2.65") 480 x 234 (350)		1 (2)								4			<ul style="list-style-type: none"> Built-in speakers / Headphone output Ability to choose any audio input to any speaker independently NTSC/PAL auto recognition 4-channel bar graph display Low cost 	\$1999.00
V-R82DP-2C 	8.4" (4:3)	2	4RU D(1.7") 800 x 600 (400)		2 (4)											<ul style="list-style-type: none"> 1.44 TFT-MegaPixel 8.4" screens 50,000 Hour Backlight High Brightness: 400 cd/m² Composite displayed as 10-bit digital On-Screen Display (OSD) and "Blue Gun" 	\$1999.00
V-R102DP-2C 	10.4" (4:3)	2	5RU D(1.5") 800 x 600 (480)		2 (4)											<ul style="list-style-type: none"> Large 10.4" 1.44 TFT-MegaPixel screens More screen area in less space than 9" CRT 50,000 Hour Backlight Composite displayed 10-bit digital On-Screen Display (OSD) and "Blue Gun" 	\$2499.00

LCD Racks

SDI

COMING SOON

Display	# of Displays	Rack Spaces (Rack Depth)	Resolution x RGB (Luminance in cd/m ²)	S-Video	Composite	Component HD/SD	SDI	HDS/SDI	VGA	DVI (HDMI w/Adapter)	SDI Embedded	AES/EBU	Balanced XLR	Unbalanced RCA	Tally	Features	Price
V-R35P-SDI 	3.5" (4:3)	10	3RU D(2.6") 960 x 234 (220)				1 (10)									<ul style="list-style-type: none"> New and Improved The only rack on the market with 10 displays in 3RU High Resolution LCD Panels Active Loop-Through Outputs NTSC/PAL Auto-Recognition Blue screen when signal not present 	\$4599.00
V-R44DP-SDI 	4" (4:3)	4	2RU D(1.5") 640 x 480 (250)				1 (4)									<ul style="list-style-type: none"> Four 4" High Definition 4:3 Displays 100% Digital Processing 4:3/16:9-cropped DTV Aspect Ratios On-Screen Display (OSD) and "Blue Gun" 	\$2999.00
V-R53P-SDI 	5" (4:3)	3	3RU D(2.5") 320 x 234 (350)		1 (3)		1 (3)		1 (3)							<ul style="list-style-type: none"> High Resolution LCD Panels Active Loop-Through for Composite and SDI Built-in Color Bar Generator Blue Screen when signal not present Each channel has SDI-to-Composite D/A Converter 	\$3399.00
V-R563P-SDI 	5.6" (4:3)	3	3RU D(2.5") 320 x 234 (250)		1 (3)		1 (3)									<ul style="list-style-type: none"> High Resolution LCD Panels Built-in Color Bar Generator Each channel has 10-bit SDI-to-Composite D/A Converter 	\$2799.00
V-R63P-SDI 	5.8" (16:9)	3	3RU D(2.5") 400 x 234 (350)		1 (3)		1 (3)									<ul style="list-style-type: none"> Widescreen High-Resolution Panels with 16:9/4:3 Selectable Aspect Ratio Each channel has 10-bit D/A converter Blue screen when signal not present Input configuration stored in memory when unit is off NTSC/PAL configuration switch Active loop-through / Bar Generator 	\$3699.00
V-R72P-2SD 	7" (16:9)	2	3RU D(2.5") 800 x 480 (380)		1 (2)	1 (2)	1 (2)									<ul style="list-style-type: none"> 1.2 TFT-MegaPixel 7-inch widescreens with 800 x 480 x RGB Dots 100% digital processing Bright 380 cd/m² luminance 400:1 contrast ratio 4:3 and 16:9 screen aspect ratios Standard multifarm inputs Built-in Color Bars 	\$2899.00
V-R82DP-2SDI 	8.4" (4:3)	2	4RU D(1.5") 800 x 600 (450)				2 (4)									<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel / 8.4-inch screens 100% digital processing 50,000 hour backlight 450 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$2999.00
V-R82DP-SD 	8.4" (4:3)	2	4RU D(1.5") 800 x 600 (450)		1 (2)	1 (2)	1 (2)									<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screens SDI plus all HD/SD analog signals 50,000 hour backlight life 450 cd/m² brightness On-Screen Display (OSD) and "Blue Gun" 	\$3699.00
V-R102DP-2SDI 	10.4" (4:3)	2	5RU D(2.5") 800 x 600 (480)				2 (4)									<ul style="list-style-type: none"> Large 10.4-inch screens/ 1.44 TFT-MegaPixel 100% digital processing 50,000 hour backlight 480 cd/m² brightness On-Screen Display (OSD) and "Blue Gun" 	\$3399.00
V-R102DP-SD 	10.4" (4:3)	2	5RU D(2.5") 800 x 600 (480)		1 (2)	1 (2)	1 (2)									<ul style="list-style-type: none"> Large 10.4-inch screens/ 1.44 TFT-MegaPixel SDI plus all HD/SD analog formats/frame rates 50,000 hour backlight 480 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$3999.00
V-R151DP-AFSD 	15" (4:3)	1	6RU D(1.77") 1024 x 768 (600)		1 (4)	1 (4)	1 (4)									<ul style="list-style-type: none"> High Resolution display - 1024 x RGB x 768 dots with 2.4 million pixels 16.7 million colors Wide viewing angle - 150° in all directions provides excellent off-axis visibility 600 cd/m² luminance provides enhanced image quality in a variety of lighting conditions 600:1 contrast ratio 	\$1799.00

LCD Racks HDSI only

V-R44P-HDSI



V-R653P-HDSI



V-R653-IMD-TE



V-R653SB-IMD



V-R72P-2HDSI



V-R82DP-HDSI



V-R1041-IMD-TE4U



V-R102DP-HDSI



V-R1042DP-TE



V-R1042DP-TE4U



V-R1042-IMD-TE4U



V-R171-IMD-HDSI



Display	# of Displays	Rack Spaces (Rack Depth)	Resolution x RGB (Luminance in cd/m²)	Video Inputs per Display (Total)	Audio Inputs	Tally	Features	Price
				S-Video Composite Component HD/SD SDI HDSI/SDI VGA	DVI (HDMI w/ Adapter) SDI Embedded AES/EBU Balanced XLR Unbalanced RCA			
V-R44P-HDSI	4	2RU D(1.5")	640 x 480 (250)	1 (4)	1 TFT MEGAPIXEL	Y	• Four 3.5-inch Advanced Definition 4:3 screens • 400:1 contrast ratio • 4:3 and 16:9 screen aspect ratios for DTV applications	\$3999.00
V-R653P-HDSI	3	3RU D(2.5")	800 x 480 (380)	1 (3)	1.2 TFT MEGAPIXEL	Y	• Three High Resolution 6.5-inch 1.2 TFT-MegaPixel widescreens • 100% digital processing • 400:1 contrast ratio • 4:3 and 16:9 screen aspect ratios • Works with all SMPTE/ITU SDI/HDSI production formats and frame rates	\$3999.00
V-R653-IMD-TE	3	3RU D(2.6")	1024 x 768 (300)	1 (3)	2.4 TFT MEGAPIXEL	Y	• "All-in-one" In-Monitor Display solution without added depth • High Resolution 1024 x 768 RGB Dots with 2.4 million pixels • Three-color on-screen "soft" tally indicators (Red / Green / Amber)	\$5299.00
V-R653SB-IMD	3	3RU D(2.6")	1024 x 768 (650)	1 (3)	2.4 TFT MEGAPIXEL	Y	• Designed specifically for outdoor applications and challenging viewing environments • "All-in-one" In-Monitor Display solution without added depth	\$5999.00
V-R72P-2HDSI	2	3RU D(1.5")	800 x 480 (380)	1 (2)	1.2 TFT MEGAPIXEL	Y	• Two High Resolution 7-inch 1.2 TFT-MegaPixel widescreens • 100% digital processing • Bright 380 cd/m² luminance • 400:1 contrast ratio • 4:3 and 16:9 screen aspect ratios	\$2999.00
V-R82DP-HDSI	2	4RU D(1.5")	800 x 600 (450)	1 (2)	1.44 TFT MEGAPIXEL	Y	• 1.44 million TFT-MegaPixel 8.4-inch screens • 100% digital processing of HDSI/SDI • 50,000 hour backlight • 450 cd/m² brightness modification • On-Screen Display (OSD) and "Blue Gun"	\$3399.00
V-R1041-IMD-TE4U	1	4RU D(1.7")	1024 x 768 (300)	1 (2)	2.4 TFT MEGAPIXEL	Y	• "All-in-one" In-Monitor Display solution without added depth • High Resolution 1024 x 768 RGB Dots with 2.4 million pixels • Three-color on-screen "soft" tally indicators (Red / Green / Amber) • On-Screen Audio Presence Indicator • On-Screen Video Time Code • RS-422 connection with loop-through for control communication / IMD functionality • Field upgradeable firmware capability via RS-422 port	\$2499.00
V-R102DP-HDSI	2	5RU D(2.5")	800 x 600 (480)	1 (2)	1.44 TFT MEGAPIXEL	Y	• Large 10.4-inch screens / 1.44 TFT-MegaPixel • 100% digital processing of HDSI/SDI • 50,000 hour backlight • 480 cd/m² brightness modification • On-Screen Display (OSD) and "Blue Gun"	\$3699.00
V-R1042DP-TE	2	5RU D(1.5")	1024 x 768 (300)	1 (2)	2.4 TFT MEGAPIXEL	N	• High Definition 1024 x 768 RGB Dots with 2.4 million pixels • 100% digital processing • 5 Year / 50,000 hour backlight • High resolution scaling • Direct access video adjustments	\$3995.00
V-R1042DP-TE4U	2	4RU D(1.5")	1024 x 768 (300)	1 (2)	2.4 TFT MEGAPIXEL	Y	• High Definition 1024 x 768 RGB Dots with 2.4 million pixels • 100% digital processing • 5 Year / 50,000 hour backlight • Fits in 4RU rack space • Direct access video adjustments	\$3995.00
V-R1042-IMD-TE4U	2	4RU D(1.5")	1024 x 768 (300)	1 (2)		Y	• "All-in-one" In-Monitor Display solution without added depth • High Resolution 1024 x 768 RGB Dots with 2.4 million pixels • Three-color on-screen "soft" tally indicators (Red / Green / Amber) • On-Screen Audio Presence Indicator • On-Screen Video Time Code	\$3995.00
V-R171-IMD-HDSI	1	6RU D(2.21")	1920 x 1200 (400)	1 (2)	2.4 TFT MEGAPIXEL	Y	• "All-in-one" In-Monitor Display solution without added depth • Designed specifically for outdoor applications and challenging viewing environments • High Resolution 1920 x 1200 RGB Dots • Three-color on-screen "soft" tally indicators (Red / Green / Amber)	\$2199.00

LCD Racks HDSI only

V-RD171-IMD-HDSI



V-R201-IMD-TE



V-R231-IMD-HDSI



V-R261-IMD-HDSI



V-R371-IMD-HDSI

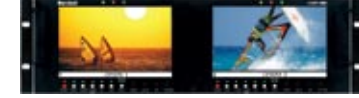


LCD Racks Component

V-R72P-2SD



V-R72P-2HDA



V-R72P-2HD



V-R82DP-HDA



Display	# of Displays	Rack Spaces (Rack Depth)	Resolution x RGB (Luminance in cd/m²)	Video Inputs per Display (Total)	Audio Inputs	Tally	Features	Price
				S-Video Composite Component HD/SD SDI HDSI/SDI VGA	DVI (HDMI w/ Adapter) SDI Embedded AES/EBU Balanced XLR Unbalanced RCA			
V-RD171-IMD-HDSI	1	1RU D(2.2")	1920 x 1200 (300)	1		Y	• Durable, Single RU metal enclosure with Pull-Out drawer for the screen • Drawer includes lock and key for secure transport • No need for external Under Monitor Display - "all-in-one" In-Monitor Display solution without added depth • Supports the following protocols: Image Video / NVISION / TSL / MEI • High Resolution 1920 x 1200	\$2999.00
V-R201-IMD-TE	1	7RU D(2.0")	1680 x 1050 (300)	1 (2)		Y	• "All-in-one" In-Monitor Display solution without added depth • High Resolution 1680 x 1050 RGB Dots • Three-color on-screen "soft" tally indicators (Red / Green / Amber) • On-Screen Audio Presence Indicator • On-Screen Video Time Code • RS-422/485 connection with loop-through for control communication / IMD functionality	\$2299.00
V-R231-IMD-HDSI	1	N/A	1920 x 1200 (400)	1 (2)		Y	• "All-in-one" In-Monitor Display solution without added depth • High Resolution 1920 x 1200 RGB Dots • Three-color on-screen "soft" tally indicators (Red / Green / Amber) • On-Screen Audio Presence Indicator • On-Screen Video Time Code • RS-422/485 connection with loop-through for control communication / IMD functionality • Field upgradeable firmware capability via RS-422/485 port	\$2749.00
V-R261-IMD-HDSI	1	N/A	1920 x 1200 (500)	1 (2)		Y	• "All-in-one" In-Monitor Display solution without added depth • High Resolution 1920 x 1200 RGB Dots • Three-color on-screen "soft" tally indicators (Red / Green / Amber) • On-Screen Audio Presence Indicator • On-Screen Video Time Code • RS-422/485 connection with loop-through for control communication / IMD functionality • Field upgradeable firmware capability via RS-422/485 port	\$2999.00
V-R371-IMD-HDSI	1	N/A	1920 x 1200 (400)	1 (2)		Y	• "All-in-one" In-Monitor Display solution without added depth • High Resolution 1920 x 1200 RGB Dots • Three-color on-screen "soft" tally indicators (Red / Green / Amber) • On-Screen Audio Presence Indicator • On-Screen Video Time Code • RS-422/485 connection with loop-through for control communication / IMD functionality • Field upgradeable firmware capability via RS-422/485 port	\$3299.00
V-R72P-2SD	2	3RU D(2.5")	800 x 480 (380)	1 (2) 1 (2) 1 (2)	1.2 TFT MEGAPIXEL	Y	• 1.2 TFT-MegaPixel 7-inch widescreens with 800 x 480 x RGB Dots • 100% digital processing • Bright 380 cd/m² luminance • 400:1 contrast ratio • 4:3 and 16:9 screen aspect ratios • Standard multiformat inputs • Built-in Color Bars	\$2899.00
V-R72P-2HDA	2	3RU D(2.5")	800 x 480 (380)	1 (2) 1 (2) 1 (2)	1.2 TFT MEGAPIXEL	Y	• Two High Resolution 7-inch 1.2 TFT-MegaPixel widescreens • Analog Signals converted to 10-bit digital • Bright 380 cd/m² luminance • 400:1 contrast ratio • 4:3 and 16:9 screen aspect ratios	\$2899.00
V-R72P-2HD	2	3RU D(2.5")	800 x 480 (380)	1 (2) 1 (2) 1 (2)	1.2 TFT MEGAPIXEL	Y	• Two High Resolution 7-inch 1.2 TFT-MegaPixel widescreens • 100% digital processing • Bright 380 cd/m² luminance • 400:1 contrast ratio • 4:3 and 16:9 screen aspect ratios	\$3999.00
V-R82DP-HDA	2	4RU D(1.65")	800 x 600 (450)	1 (2) 1 (2) 1 (2)	1.44 TFT MEGAPIXEL	Y	• 1.44 million TFT-MegaPixel/8.4-inch screens • Accepts all analog HD/SD formats/frame rates • 50,000 hour backlight • 450 cd/m² brightness modification • On-Screen Display (OSD) and "Blue Gun"	\$3099.00

LCD Racks Component

V-R82DP-SD



V-R82DP-HD



V-R82SB-AFHD



V-R842DP-AFHD



V-R902DP-AFHD



V-R102DP-HDA



V-R102DP-SD



V-R102DP-HD



V-R1042DP-AFHD



V-R151DP-AFSD



Display	# of Displays	Rack Spaces (Rack Depth)	Resolution x RGB (Luminance in cd/m²)	S-Video	Composite	Component HD/SD	SDI	HDS/SDI	VGA	DVI (HDMI w/Adapter)	Audio Inputs	Tally	Features	Price
											AES/EBU Balanced XLR Unbalanced RCA			
8.4" (4:3)	2	4RU D(1.5")	800 x 600 (450)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1.44 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screens SDI plus all HD/SD analog signals 50,000 hour backlight 450 cd/m² brightness On-Screen Display (OSD) and "Blue Gun" 	\$3699.00
8.4" (4:3)	2	4RU D(1.5")	800 x 600 (450)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1.44 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screens Accepts all HD/SD formats/frame rates 50,000 hour backlight 450 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$4299.00
8.4" (4:3)	2	4RU D(1.5")	800 x 600 (650)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1.44 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> Designed specifically for outdoor applications and challenging viewing environments High Definition 8.4-inch TFT-MegaPixel screens with 800 x 600 resolution High Luminance Backlight Low Reflective Properties Wider color reproduction for richer colors Crisper, sharper images (textual/graphical information) 	\$4999.00
8.4" (4:3)	2	4RU D(2.02")	1024 x 768 (400)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	2.4 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> High Definition Resolution 8.4-inch 2.4 TFT-MegaPixel screens Analog Signals converted to 10-bit digital Bright 400 cd/m² luminance 400:1 contrast ratio Build-in Color Bar Generator Standard Multiformat Inputs Blue Gun for color adjustment 	\$4999.00
9" (16:9)	2	4RU D(1.5")	800 x 480 (400)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1.2 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> Dual High Resolution widescreens 800 x 480 RGB Dots with 1.2 million pixels 16.7 million colors Wide viewing angles - 160°-RL, 140° UD provides superior visibility when the viewer is not directly in front of the screen Bright 400 candelas per square meter (cd/m²) luminance produces enhanced image quality in varying light and viewing conditions 	\$4699.00
10.4" (4:3)	2	5RU D(1.8")	800 x 600 (480)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1.44 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> Large 10.4-inch screens/ 1.44 TFT-MegaPixel Accepts all analog HD/SD formats/frame rates 50,000 hour backlight 480 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$3399.00
10.4" (4:3)	2	5RU D(2.5")	800 x 600 (480)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1.44 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> Large 10.4-inch screens / 1.44 TFT-MegaPixel SDI plus all HD/SD analog formats/frame rates 50,000 hour backlight 480 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$3999.00
10.4" (4:3)	2	5RU D(1.8")	800 x 600 (480)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1.44 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> Large 10.4-inch screens/ 1.44 TFT-MegaPixel Accepts all HD/SD formats/frame rates 50,000 hour backlight 480 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$4599.00
10.4" (4:3)	2	5RU D(1.8")	1024 x 768 (300)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	2.4 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> High Resolution 1024 x 768 RGB Dots with 2.4 million pixels 16.7 million colors Bright 300 candelas per square meter (cd/m²) luminance produces enhanced image quality in varying light and viewing conditions 700:1 contrast ratio 4:3 and 16:9 screen aspect ratios for DTV applications in HD and SD formats 6 Frame Marker Overlays with Center Mark Easy to see three color tally indicators Adjustment Settings Memory 	\$5299.00
15" (4:3)	1	6RU D(1.77")	1024 x 768 (600)	1	1	1	1	1	1	1	2.4 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> High Resolution display - 1024 x RGB x 768 dots with 2.4 million pixels 16.7 million colors 600 cd/m² luminance provides enhanced image quality in a variety of lighting conditions 600:1 contrast ratio 	\$1799.00

LCD Racks Component

V-R151DP-AFHD



V-R171P-HDA



V-RD171P-HDA



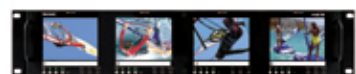
V-R201P-AFHD



LCD Racks

DVI/VGA only

V-R44P-DVI



V-R82DP-VGA



V-R842DP-DVI



Display	# of Displays	Rack Spaces (Rack Depth)	Resolution x RGB (Luminance in cd/m²)	S-Video	Composite	Component HD/SD	SDI	HDS/SDI	VGA	DVI (HDMI w/Adapter)	Audio Inputs	Tally	Features	Price
											AES/EBU Balanced XLR Unbalanced RCA			
15" (4:3)	1	6RU D(1.77")	1024 x 768 (600)	1	1	1	1	1	1	1	2.4 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> High Resolution display - 1024 x RGB x 768 dots with 2.4 million pixels 16.7 million colors Wide viewing angle - 150° in all directions provides excellent off-axis visibility 600 cd/m² luminance provides enhanced image quality in a variety of lighting conditions 600:1 contrast ratio 	\$1999.00
17" (4:3)	1	8RU D(3")	1280 x 1024 (300)	1	1	1		1	1			Y	<ul style="list-style-type: none"> SXGA 1280 x 1024 pixels / 16.7 million colors Compact - fits in EIA standard rack 8U high VESA 75 mount for wall, ceiling, or desktop 170° CRT style viewing angles V-Mount battery adapter Composite/Component/DVI/VGA inputs 	\$2995.00
17" (4:3)	1	1RU D(22")	1280 x 1024 (300)	1	1	1		1	1			N	<ul style="list-style-type: none"> Durable, Single RU metal enclosure with Pull Out drawer for the screen Drawer includes lock and key for secure transport SXGA Native Resolution 1280 x 1024 pixels, 3.9 million total RGB pixels produce 16.7 million colors Bright 300 candle luminance 1000:1 contrast ratio Automatic Gamma Correction 	\$2995.00
20" (16:9)	1	7RU D(2.09")	1366 x 768 (430)	1	1	1	1	1	1	1		Y	<ul style="list-style-type: none"> Totally Digital WXGA 1366 x 768 display Native HD/SD screen formats (640, 720 lines) in TFT Pixel-to-Pixel mode CRT style viewing radius - 178° in any direction Bright 430 cd/m² luminance 600:1 contrast ratio 16:9 and 4:3 screen aspect ratios All analog signals internally converted to 24-bit component digital with 5-line adaptive filter 6 Frame Marker Overlays with Center Mark 	\$2995.00
3.5" (4:3)	4	2RU D(1.9")	640 x 480 (250)							1 (4)	1 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> Four 3.5-inch High Definition 4:3 screens 100% digital processing of DVI/VGA signals 4:3, 16:9, and 4:3 of 16:9 DTV aspect ratios On-Screen Display (OSD) and "Blue Gun" 	\$3599.00
8.4" (4:3)	2	4RU D(1.65")	800 x 600 (450)					1 (2)	1 (2)		1.44 TFT MEGAPIXEL	N	<ul style="list-style-type: none"> For PC signals up to SXGA resolution (1280x1024) 1.44 million TFT-MegaPixel 8.4-inch screens 50,000 hour backlight 450 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$1799.00
8.4" (4:3)	2	4RU D(1.65")	1024 x 768 (400)					1 (2)	1 (2)		2.4 TFT MEGAPIXEL	Y	<ul style="list-style-type: none"> High Definition Resolution 8.4-inch 2.4 MegaPixel screens with 1024 x 768 resolution 100% digital processing 5 Year / 50,000 hour backlight High resolution scaling Wide viewing radius - 170° 	\$2499.00

LCD Racks

DVI/VGA only

V-R102DP-VGA



V-R1042DP-DVI



LCD Racks

DVI/VGA & more

V-R53P



V-R53P-SDI



V-R72P-2HDA



V-R82DP-HDA



V-R82DP-SD



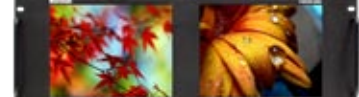
V-R82DP-HD



V-R82SB-AFHD



V-R842DP-AFHD



V-R902DP-AFHD



V-R902DP-AFHD



V-R902DP-AFHD



LCD Racks

DVI/VGA & more

V-R102DP-HDA



V-R102DP-SD



V-R102DP-HD



V-R1042DP-AFHD



V-R151DP-AFSD



V-R151DP-AFHD



V-RD151P



V-R151P



V-R151P



V-R151P-4A



V-R151P-4A



Display	# of Displays	Rack Spaces (Rack Depth)	Resolution x RGB (Luminance in cd/m²)	S-Video	Composite	Component HD/SD	SDI	HSDSD/SDI	VGA	DVI (HDMI w/Adapter)	SDI Embedded	AES/EBU	Balanced XLR	Unbalanced RCA	Tally	Features	Price
10.4" (4:3)	2	5RU D(2.5")	800 x 600 (480)						1 (2)	1 (2)	1.44 TFT MEGAPIXEL				N	<ul style="list-style-type: none"> For PC signals up to SXGA resolution (1280x1024) Large 10.4 inch High Resolution screens 50,000 hour backlight 480 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$1999.00
10.4" (4:3)	2	5RU D(2.5")	1024 x 768 (300)						1 (2)	1 (2)	2.4 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> High Definition Resolution 10.4-inch 2.4 MegaPixel screens with 1024 x 768 resolution 100% digital processing 5 Year / 50,000 hour backlight High resolution scaling Wide viewing radius - 170° horizontal and vertical provides superior visibility 	\$2799.00
5" (4:3)	3	3RU D(2.5")	320 x 234 (350)	2 (6)					1 (3)						Y	<ul style="list-style-type: none"> High Resolution LCD Panels VGA Input on each display Built-in Color Bar Generator Active Loop-Through Outputs NTSC/PAL Auto-Recognition 	\$2249.00
5" (4:3)	3	3RU D(2.5")	320 x 234 (350)	1 (3)					1 (3)						Y	<ul style="list-style-type: none"> High Resolution LCD Panels Active Loop-Through for Composite and SDI Built-in Color Bar Generator Blue Screen when signal not present Each channel has SDI-to-Composite D/A Converter NTSC/PAL Auto-Recognition 	\$3399.00
7" (16:9)	2	3RU D(2.5")	800 x 480 (380)	1 (2)	1 (2)	1 (2)			1 (2)		1.2 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> Two High Resolution 7-inch 1.2 TFT-MegaPixel widescreens Analog Signals converted to 10-bit digital Bright 380 cd/m² luminance 400:1 contrast ratio 4:3 and 16:9 screen aspect ratios 	\$2899.00
8.4" (4:3)	2	4RU D(1.5")	800 x 600 (450)	1 (2)	1 (2)	1 (2)			1 (2)	1 (2)	1.44 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screens Accepts all analog HD/SD formats/frame rates 50,000 hour backlight 450 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$3099.00
8.4" (4:3)	2	4RU D(1.5")	800 x 600 (450)	1 (2)	1 (2)	1 (2)			1 (2)	1 (2)	1.44 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screens SDI plus all HD/SD analog signals 50,000 hour backlight 450 cd/m² brightness On-Screen Display (OSD) and "Blue Gun" 	\$3699.00
8.4" (4:3)	2	4RU D(1.5")	800 x 600 (450)	1 (2)	1 (2)	1 (2)			1 (2)	1 (2)	1.44 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screens Accepts all HD/SD formats/frame rates 50,000 hour backlight 450 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$4299.00
8.4" (4:3)	2	4RU D(1.5")	800 x 600 (650)	1 (2)	1 (2)	1 (2)			1 (2)	1 (2)	1.44 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> Designed specifically for outdoor applications and challenging viewing environments High Definition 8.4-inch TFT-MegaPixel screens with 800 x 600 resolution High Luminance Backlight Low Reflective Properties Wider color reproduction for richer colors Crisper, sharper images (textual/graphical information) 	\$4999.00
8.4" (4:3)	2	4RU D(2.02")	1024 x 768 (400)	1 (2)	1 (2)	1 (2)			1 (2)	1 (2)	2.4 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> High Definition Resolution 8.4-inch 2.4 TFT-MegaPixel screens Analog Signals converted to 10-bit digital Bright 400 cd/m² luminance 400:1 contrast ratio Built-in Color Bar Generator Standard Multiformat Inputs "Blue Gun" for color adjustment 	\$4999.00
9" (16:9)	2	4RU D(1.5")	800 x 480 (400)	1 (2)	1 (2)	1 (2)			1 (2)	1 (2)	1.2 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> High Resolution widescreens 800 x 480 RGB Dots with 1.2 million pixels 16.7 million colors Wide viewing angles - 160°-RL, 140° UD provides superior visibility when the viewer is not directly in front of the screen 	\$4699.00
10.4" (4:3)	2	5RU D(2.5")	800 x 600 (480)	1 (2)	1 (2)	1 (2)			1 (2)	1 (2)	1.44 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> Large 10.4-inch screens / 1.44 TFT-MegaPixel Accepts all analog HD/SD formats/frame rates 50,000 hour backlight 480 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$3399.00
10.4" (4:3)	2	5RU D(2.5")	800 x 600 (480)	1 (2)	1 (2)	1 (2)			1 (2)	1 (2)	1.44 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> Large 10.4-inch screens / 1.44 TFT-MegaPixel SDI plus all analog HD/SD analog formats/frame rates 50,000 hour backlight 480 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$3999.00
10.4" (4:3)	2	5RU D(2.5")	800 x 600 (480)	1 (2)	1 (2)	1 (2)			1 (2)	1 (2)	1.44 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> Large 10.4-inch screens / 1.44 TFT-MegaPixel Accepts all HD/SD formats/frame rates 50,000 hour backlight 480 cd/m² brightness modification On-Screen Display (OSD) and "Blue Gun" 	\$4599.00
10.4" (4:3)	2	5RU D(2.5")	1024 x 768 (300)	1 (2)	1 (2)	1 (2)			1 (2)	1 (2)	2.4 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> High Resolution 1024 x 768 RGB Dots with 2.4 million pixels 16.7 million colors Best viewing angle in the Industry - 170° in any direction Bright 300 candelas per square meter (cd/m²) luminance produces enhanced image quality in varying light and viewing conditions 700:1 contrast ratio 	\$5299.00
15" (4:3)	1	6RU D(1.77")	1024 x 768 (600)	1 (1)	1 (1)	1 (1)			1 (1)	1 (1)	2.4 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> High Resolution display - 1024 x RGB x 768 dots with 2.4 million pixels 16.7 million colors 600 cd/m² luminance provides enhanced image quality in a variety of lighting conditions 600:1 contrast ratio 	\$1799.00
15" (4:3)	1	6RU D(1.77")	1024 x 768 (600)	1 (1)	1 (1)	1 (1)			1 (1)	1 (1)	2.4 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> High Resolution display - 1024 x RGB x 768 dots with 2.4 million pixels 16.7 million colors 600 cd/m² luminance provides enhanced image quality in a variety of lighting conditions 600:1 contrast ratio 	\$1999.00
15" (4:3)	1	1RU D(22")	1024 x 768 (250)	1 (1)					1 (1)		2.4 TFT MEGAPIXEL				N	<ul style="list-style-type: none"> High Resolution 1024 x 768 pixels Bright 250 cd/m² luminance Video and S-Video inputs with 75Ω termination and active loop-through feature Ultra-compact design fits in EIA standard rack 1U high Built-in Speakers NTSC/PAL recognition Key lock for secure transportation 	\$1599.00
15" (4:3)	1	6RU D(2.25")	1024 x 768 (250)	1 (1)					1 (1)		2.4 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> Compact: 15" Display in Only 6RU High Resolution LCD Panel Built-In 125 Channel Cable-Ready TV Tuner (NTSC only) Built-In Speakers NTSC/PAL Auto-Recognition 	\$1599.00
15" (4:3)	1	6RU D(2.25")	1024 x 768 (250)	1 (1)	4 (4)				1 (1)		2.4 TFT MEGAPIXEL				Y	<ul style="list-style-type: none"> Compact - only 6U for 15" LCD High Resolution LCD panel Built-in Quad Splitter with on screen display Freeze-zoom function and PIP capability Available in NTSC or PAL configuration (V-R151P-4-PAL) 	\$2699.00

LCD Racks

DVI/VGA & more

V-RD151-4



V-RD171P-HDA



V-R171P-HDA



V-R171P-4A



GV171-HDSDI

NEW



V-R201P-AFHD



Display	# of Displays	Rack Spaces (Rack Depth)	Resolution x RGB (Luminance in cd/m²)	S-Video	Component HD/SD	SDI	HDS/SDI	VGA	Video Inputs per Display (Total)				Audio Inputs			Tally	Features	Price
									DVI (HDMI w/Adapter)	SDI Embedded	AES/EBU	Balanced XLR	Unbalanced RCA					
15"	1	1	1024 x 768 (250)	1	4			1									<ul style="list-style-type: none"> High Resolution 1024 x 768 pixels, 786,432 total Bright 250 cd/m² luminance 4 Video inputs with 75Ω termination and active loop through feature Ultra-compact design fits in EIA standard rack 1U high Built-in Quad Splitter/Sequential Switcher Available in NTSC or PAL format Key lock for secure transportation 	\$2699.00
17"	1	1RU	1280 x 1024 (300)	1	1	1		1	1								<ul style="list-style-type: none"> Durable, Single RU metal enclosure with Pull Out drawer for the screen Drawer includes lock and key for secure transport SXGA Native Resolution 1280 x 1024 pixels, 3.9 million total RGB pixels produce 16.7 million colors Bright 300 candle luminance 1000:1 contrast ratio Automatic Gamma Correction 	\$2995.00
17"	1	8RU	1280 x 1024 (300)	1	1	1		1	1								<ul style="list-style-type: none"> SXGA 1280 x 1024 pixels / 16.7 million colors Compact - fits in EIA standard rack 8U high VESA 75 mount for wall, ceiling, or desktop 170° CRT style viewing angles V-Mount battery adapter Composite/Component/DVI/VGA inputs 	\$2995.00
17"	1	8RU	1280 x 1024 (300)	1	4	1		1	1								<ul style="list-style-type: none"> High Resolution 17" LCD monitor Best viewing angle in the Industry - 170° in any direction Menu driven 4:3 or 16:9 ratio switch Built-in Quad Splitter with on-screen display Freeze-zoom function and PIP capability Only 2.5" deep Available in NTSC or PAL configuration (V-R171P-4A-PAL) 	\$3699.00
17"	1	6RU	1920 x 1200 (400)							1							<ul style="list-style-type: none"> Native Resolution 1920 x 1200 LCD panel High Contrast 600:1 display Accepts up to 4 HDS/SDI input and 1 VGA/DVI high resolution input VGA/DVI can accept up to 1920x1200 resolution IMD-In-Monitor Display capability for each input Audio Presence Indicator Time Code Indicator 	\$3999.00
20"	1	7RU	1366 x 768 (430)	1	1	1		1	1								<ul style="list-style-type: none"> Totally Digital WXGA 1366 x 768 display Native HD/SD screen formats (640, 720 lines) in TFT Pixel-to-Pixel mode CRT style viewing radius - 178° in any direction Bright 430 cd/m² luminance 600:1 contrast ratio 16:9 and 4:3 screen aspect ratios All analog signals internally converted to 24-bit component digital with 5-line adaptive filter 6 Frame Marker Overlays with Center Mark 	\$2995.00

LCD Racks

Quads

V-R151P-4A



V-RD151-4



V-R171P-4A



GV171-HDS/SDI

NEW



LCD Racks

Truck Edition

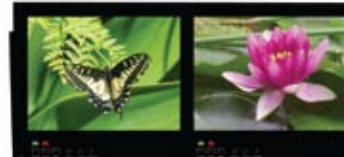
V-R653-IMD-TE



V-R1041-IMD-TE4U



V-R1042DP-TE



Display	# of Displays	Rack Spaces (Rack Depth)	Resolution x RGB (Luminance in cd/m²)	S-Video	Component HD/SD	SDI	HDS/SDI	VGA	Video Inputs per Display (Total)				Audio Inputs			Tally	Features	Price
									DVI (HDMI w/Adapter)	SDI Embedded	AES/EBU	Balanced XLR	Unbalanced RCA					
15"	1	6RU	1024 x 768 (250)	1	4			1									<ul style="list-style-type: none"> Compact - only 6U for 15" LCD High Resolution LCD panel Built-in Quad Splitter with on-screen display Freeze-zoom function and PIP capability Available in NTSC or PAL configuration (V-R151P-4-PAL) 	\$2699.00
15"	1	1	1024 x 768 (250)	1	4			1									<ul style="list-style-type: none"> High Resolution 1024 x 768 pixels, 786,432 total Bright 250 cd/m² luminance 4 Video inputs with 75Ω termination and active loop through feature Ultra-compact design fits in EIA standard rack 1U high Built-in Quad Splitter/Sequential Switcher Available in NTSC or PAL format Key lock for secure transportation 	\$2699.00
17"	1	8RU	1280 x 1024 (300)	1	4	1		1	1								<ul style="list-style-type: none"> High Resolution 17" LCD monitor Best viewing angle in the Industry - 170° in any direction Menu driven 4:3 or 16:9 ratio switch Built-in Quad Splitter with on-screen display Freeze-zoom function and PIP capability Only 2.5" deep Available in NTSC or PAL configuration (V-R171P-4A-PAL) 	\$3699.00
17"	1	6RU	1920 x 1200 (400)							1							<ul style="list-style-type: none"> Native Resolution 1920 x 1200 LCD panel High Contrast 600:1 display Accepts up to 4 HDS/SDI input and 1 VGA/DVI high resolution input VGA/DVI can accept up to 1920x1200 resolution IMD-In-Monitor Display capability for each input Audio Presence Indicator Time Code Indicator 	\$3999.00
6.5"	3	3RU	1024 x 768 (300)														<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1024 x 768 RGB Dots with 2.4 million pixels Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422 port 	\$5299.00
10.4"	1	4RU	1024 x 768 (300)														<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1024 x 768 RGB Dots with 2.4 million pixels Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422 port 	\$2499.00
10.4"	2	5RU	1024 x 768 (300)														<ul style="list-style-type: none"> High Definition 1024 x 768 RGB Dots with 2.4 million pixels 100% digital processing 5 Year / 50,000 hour backlight High resolution scaling Direct access video adjustments 	\$3995.00

LCD Racks		Display	# of Displays	Rack Spaces (Rack Depth)	Resolution x RGB (Luminance in cd/m ²)	Video Inputs per Display (Total)				Audio Inputs			Tally	Features	Price
Truck Edition						S-Video	Composite	Component HD/SD	SDI	VGA	DVI (HDMI w/Adapter)	SDI Embedded			
V-R1042DP-TE4U		10.4"	2	4RU D(1.5")	1024 x 768 (300)				1				Y	<ul style="list-style-type: none"> High Definition 1024 x 768 RGB Dots with 2.4 million pixels 100% digital processing 5 Year / 50,000 hour backlight Fits in 4RU rack space Direct access video adjustments 	\$3995.00
V-R1042-IMD-TE4U		10.4"	2	4RU D(1.5")	1024 x 768 (300)				1				Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1024 x 768 RGB Dots with 2.4 million pixels Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator RS-422/485 connection with loop-through for control communication / IMD functionality 	\$3995.00
V-R201-IMD-TE		20"	1	7RU D(2.0")	1680 x 1050 (300)				1				Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1680 x 1050 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422 port 	\$2299.00

LCD Racks

IMD In-Monitor Display

V-R653-IMD-TE		6.5"	3	3RU D(2.6")	1024 x 768 (300)				1				Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1024 x 768 RGB Dots with 2.4 million pixels Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code 	\$5299.00
V-R653SB-IMD		6.5"	3	3RU D(2.6")	1024 x 768 (650)				1				Y	<ul style="list-style-type: none"> Designed specifically for outdoor applications and challenging viewing environments "All-in-one" In-Monitor Display solution without added depth High Resolution 1024 x 768 RGB Dots with 2.4 million pixels Three-color on-screen "soft" tally indicators 	\$5999.00
V-R1041-IMD-TE4U		10.4"	1	4RU D(1.7")	1024 x 768 (300)				1				Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1024 x 768 RGB Dots with 2.4 million pixels Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422 connection with loop-through for control communication / IMD functionality 	\$2499.00
V-R1042-IMD-TE4U		10.4"	2	4RU D(1.5")	1024 x 768 (300)				1				Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1024 x 768 RGB Dots with 2.4 million pixels Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality 	\$3995.00
V-R171-IMD-HDSI		17"	1	6RU D(2.21")	1920 x 1200 (400)				1				Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1920 x 1200 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality 	\$2199.00
V-RD171-IMD-HDSI		17"	1	1RU D(22")	1920 x 1200 (300)				1				Y	<ul style="list-style-type: none"> Durable, Single RU metal enclosure with Pull-Out drawer for the screen Drawer includes lock and key for secure transport No need for external Under Monitor Display - "all-in-one" In-Monitor Display solution without added depth Supports the following protocols: Image Video / NVISION / TSL / MEI High Resolution 1920 x 1200 	\$2999.00

LCD Racks		Display	# of Displays	Rack Spaces (Rack Depth)	Resolution x RGB (Luminance in cd/m ²)	Video Inputs per Display (Total)				Audio Inputs			Tally	Features	Price
IMD In-Monitor Display						S-Video	Composite	Component HD/SD	SDI	VGA	DVI (HDMI w/Adapter)	SDI Embedded			
QV171-HDSI		17"	1	6RU D(1.4")	1920 x 1200 (400)				1				Y	<ul style="list-style-type: none"> Native Resolution 1920 x 1200 LCD panel High Contrast 600:1 display Accepts up to 4 HDSI input and 1 VGA/DVI high resolution input VGA/DVI can accept up to 1920x1200 resolution IMD-In-Monitor Display capability for each input Audio Presence Indicator Time Code Indicator 	\$3999.00
V-R201-IMD-TE		20"	1	7RU D(2.0")	1680 x 1050 (300)				1				Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1680 x 1050 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422 port Available in Desktop configuration 	\$2299.00
V-R231-IMD-HDSI		23"	1	N/A	1920 x 1200 (400)				1				Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1920 x 1200 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422/485 port 	\$2749.00
V-R261-IMD-HDSI		26"	1	N/A	1920 x 1200 (500)				1				Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1920 x 1200 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422/485 port 	\$2999.00
V-R371-IMD-HDSI		37"	1	N/A	1920 x 1200 (400)				1				Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1920 x 1200 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422/485 port 	\$3299.00
V-R653SB-IMD		6.5"	3	3RU D(2.6")	1024 x 768 (650)				1				Y	<ul style="list-style-type: none"> Designed specifically for outdoor applications and challenging viewing environments "All-in-one" In-Monitor Display solution without added depth High Resolution 1024 x 768 RGB Dots with 2.4 million pixels Three-color on-screen "soft" tally indicators On-Screen Audio Presence Indicator On-Screen Video Time Code 	\$5999.00
V-R82SB-AFHD		8.4"	2	4RU D(1.5")	800 x 600 (650)				1	1	1		Y	<ul style="list-style-type: none"> Designed specifically for outdoor applications and challenging viewing environments High Definition 8.4-inch TFT-MegaPixel screens with 800 x 600 resolution High Luminance Backlight Low Reflective Properties Wider color reproduction for richer colors 	\$4999.00

Outdoor

LCD Racks

Pull-Out Drawers

V-RD151P



V-RD151-4



V-RD171P-HDA



V-RD171-IMD-HDSDI

COMING SOON



LCD Racks

Audio + Video

V-RB1PA



V-R151P



V-RD151P



Display	# of Displays	Rack Spaces (Rack Depth)	Resolution x RGB (Luminance in cd/m²)	Video Inputs per Display (Total)				Audio Inputs				Tally	Features	Price					
				S-Video	Composite	Component HD/SD	SDI	HDS/SDI	VGA	DVI (HDMI w/Adapter)	SDI Embedded	AES/EBU	Balanced XLR	Unbalanced RCA					
15.1" (4:3)	1	1RU D(22")	1024 x 768 (250)	1	1				1						2	N	<ul style="list-style-type: none"> High Resolution 1024 x 768 pixels Bright 250 cd/m² luminance Video and S-Video inputs with 75Ω termination and active loop-through feature Ultra-compact design fits in EIA standard rack 1U high Built-in Speakers NTSC/PAL recognition Key lock for secure transportation 	\$1599.00	
15.1" (4:3)	1	1RU D(22")	1024 x 768 (250)	1	4				1							N	<ul style="list-style-type: none"> High Resolution 1024 x 768 pixels, 766,432 total Bright 250 cd/m² luminance 4 Video inputs with 75Ω termination and active loop through feature Ultra-compact design fits in EIA standard rack 1U high Built-in Quad Splitter/Sequential Switcher Available in NTSC or PAL format Key lock for secure transportation 	\$2699.00	
17" (4:3)	1	1RU D(22")	1280 x 1024 (300)	1	1	1			1	1						N	<ul style="list-style-type: none"> Durable, Single RU metal enclosure with Pull Out drawer for the screen Drawer includes lock and key for secure transport SXGA Native Resolution 1280 x 1024 pixels, 3.9 million total RGB pixels produce 16.7 million colors Bright 300 candle luminance 1000:1 contrast ratio Automatic Gamma Correction 	\$2995.00	
17" (16:9)	1	1RU D(22")	1920 x 1200 (300)						1							Y	<ul style="list-style-type: none"> Durable, Single RU metal enclosure with Pull-Out drawer for the screen Drawer includes lock and key for secure transport No need for external Under Monitor Display - "all-in-one" In-Monitor Display solution without added depth Supports the following protocols: Image Video / NVISION / TSL / MEI High Resolution 1920 x 1200 	\$2999.00	
7.9" (4:3)	1	4RU D(2.65")	480 x 234 (350)	1	2											4	Y	<ul style="list-style-type: none"> Built-in speakers / Headphone output Ability to choose any audio input to any speaker independently NTSC/PAL auto recognition 4-channel bargraph display Low cost 	\$1999.00
15" (4:3)	1	6RU D(2.25")	1024 x 768 (250)	1	1				1						2	Y	<ul style="list-style-type: none"> Compact: 15" Display in Only 6RU High Resolution LCD Panel Built-In 125 Channel Cable-Ready TV Tuner (NTSC only) Built-In Speakers NTSC/PAL Auto-Recognition 	\$1599.00	
15" (4:3)	1	1RU D(22")	1024 x 768 (250)	1	1				1						2	N	<ul style="list-style-type: none"> High Resolution 1024 x 768 pixels Bright 250 cd/m² luminance Video and S-Video inputs with 75Ω termination and active loop-through feature Ultra-compact design fits in EIA standard rack 1U high Built-in Speakers NTSC/PAL recognition Key lock for secure transportation 	\$1599.00	

LCD Racks

Frames

DIGITAL

AR-DM1



AR-DM1-B



AR-DM2-B



AR-DM2-L



Description	Price
<ul style="list-style-type: none"> Only 1RU (1.75") • 16 LED Indicators for channel presence • User-configurable with a variety of modules • 100% Digital Processing • Class D Audio Amplification • Dolby® Digital / Dolby® E Decoding (with optional ARDM-D552 module) Selectable Stereo Downmix Modes • RS-485 Port enables on-site firmware upgrades • Balance and Volume Control 	\$2199.00
<ul style="list-style-type: none"> Only 1RU (1.75") • 16 Tri-Color VU/PPM 10-Segment LED Bar Graphs • User-configurable with a variety of modules • 100% Digital Processing • Class D Audio Amplification • Dolby® Digital / Dolby® E Decoding (with optional ARDM-D552 module) Selectable Stereo Downmix Modes • RS-485 Port enables on-site firmware upgrades 	\$2599.00
<ul style="list-style-type: none"> 16 Tri-Color VU/PPM 20-Segment LED Bar Graphs • User-configurable with a variety of modules • 100% Digital Processing • Class D Audio Amplification • Dolby® Digital / Dolby® E Decoding (with optional ARDM-D552 module) Selectable Stereo Downmix Modes • RS-485 Port enables on-site firmware upgrades 	\$3099.00
<ul style="list-style-type: none"> Two High Resolution LCD Displays capable of displaying meters, metadata, channel status, and more High Performance Subwoofer for accurate LFE reproduction • User-configurable with a variety of modules 100% Digital Processing • Class D Audio Amplification • Dolby® Digital / Dolby® E Decoding (with optional ARDM-D552 module) • Selectable Stereo Downmix Modes and Volume Control • ¼" Headphone Jack 	\$3599.00

Modules (for digital frames only)

ARDM-HDS/SDI



ARDM-AES-BNC



ARDM-AES-XLR



ARDM-AES-4OUT



ARDM-AA-2OUT



ARDM-AA-8XLR



ARDM-D552



<ul style="list-style-type: none"> Multi-Rate SDI/HD-SDI Video Input (Auto-Detect) Re-Clocked SDI/HD-SDI Loop-Through Output SDI: SMPTE 259M-C / HD-SDI: SMPTE 292M Supports 8 Stereo Embedded Channels or Dolby® Multi-Channel Decoding* 	\$499.00
<ul style="list-style-type: none"> 4 Unbalanced AES/EBU Inputs (BNC) 4 Passive Loop-Through Outputs (BNC) Supports 4 Stereo Channels or Dolby® Multi-Channel Decoding* 	\$499.00
<ul style="list-style-type: none"> 4 Balanced AES/EBU Stereo Inputs (DB-25) 4 Passive Loop-Through Outputs (DB-25) Supports 4 Stereo Channels or Dolby® Multi-Channel Decoding* Break-Out Cable included (DB-25 to 8 XLR) 	\$499.00
<ul style="list-style-type: none"> 4 Unbalanced AES/EBU Outputs (75Ω BNC) Capable of 4 AES/EBU Outputs De-embedded from HD-SDI or SD-SDI input Capable of 4 AES/EBU Outputs Decoded from Dolby® E / Dolby® Digital bitstream* 	\$499.00
<ul style="list-style-type: none"> 2 Balanced Analog Audio Outputs Nominal level : -20 dBFS = +8 dBu Excellent for on-the-fly 2-channel monitoring 	\$499.00
<ul style="list-style-type: none"> 8 Balanced Analog Audio Inputs (DB-25) Nominal level : 0, +4, +6, or +8 dBu (Selectable) = -20dBFS Break-Out Cable included (DB-25 to XLR) 	\$499.00
<ul style="list-style-type: none"> Dolby® E / Dolby® Digital Decoder Module Required for multi-channel decoding 	\$1799.00

* Requires optional Dolby® E / Dolby® Digital Decoder Module (ARDM-D552)

ANALOG

AR-AM1



AR-AM4












AR-AM4-BG

NEW









<ul style="list-style-type: none"> Fits 1RU rack space • High Fidelity Miniature Speakers • Volume and Balance controls • High Quality DSP Processing • 1 Analog Stereo-Balanced XLR Input • 1 Passive Stereo-Balanced XLR Output • 1 Stereo Analog Unbalanced RCA Input • 1/4" Stereo Headphone Jack on front panel • CE approved / RoHS compliant 	\$499.00
<ul style="list-style-type: none"> Fits 1RU rack space • High Fidelity Miniature Speakers • Volume and Balance controls • Channel Selector • High Quality DSP Processing • 4 Analog Stereo-Balanced XLR Inputs • 1 Passive Stereo-Balanced XLR Output • 1/4" Stereo Headphone Jack on front panel • CE approved / RoHS compliant 	\$599.00
<ul style="list-style-type: none"> Fits 1RU rack space • Bi-Color Phase Indicator • Channel Selector • Quality DSP Processing • Rear panel RS-485 for external control • 4 Analog Stereo-Balanced XLR Inputs • 1 Passive Stereo-Balanced XLR Output • Dual 10-Channel Bar Graph Peak Meters • Headphones automatically mute internal speakers • 1/4" Stereo Headphone Jack on front panel • CE approved / RoHS compliant 	\$699.00








Monitors Composite only

Display	Resolution x RGB (Luminance in cd/m ²)	Inputs					Dimensions (W x H x D)	Tally	Features	Price
		S-Video	Composite	Component HD/SD	SDI	VGA				
 V-LCD4-PRO-L	4" (4:3) 480 x 234 (250)		2				5.51" x 3.62" x 1.81"	N	<ul style="list-style-type: none"> Heavy Duty compact metal cabinet with brushed aluminum finish has 1/4" mount for easy installation Switchable dual video BNC inputs Color, tint, contrast and brightness control Wide viewing angle Active loop-through feature Weighs only 0.8 lbs 	\$399.00
 V-LCD4-PRO-L-KIT	4" (4:3) 480 x 234 (250)		2				5.51" x 3.62" x 1.81"	N	Kit includes: <ul style="list-style-type: none"> V-LCD4-PRO-L Weatherproof Carrying Case High Capacity Battery Charger Can run up to 1 hour and 20 minutes on the battery 	\$474.00
 V-LCD5.6-PRO	5.6" (4:3) 320 x 234 (250)		1				6.4" x 5.3" x 2.0"	N	<ul style="list-style-type: none"> Plastic cabinet with 1/4" mount Side mounted volume, color, contrast and brightness controls Mirror Mode Power supply and adapter cables included Built-in speaker Weighs only 1.14 lbs 	\$399.00
 V-LCD5.6-PRO-KIT	5.6" (4:3) 320 x 234 (250)		1				6.4" x 5.3" x 2.0"	N	Kit includes: <ul style="list-style-type: none"> LCD5.6-PRO Padded Carrying Case High Capacity Battery Charger Cables Can run up to 1 hour and 45 minutes on the battery 	\$429.00
 V-ASL7070	7" (16:9) 480 x 234 (200)		1				7" x 4.75" x 1.0"	N	<ul style="list-style-type: none"> Low Cost Widescreen Field Monitor NTSC/PAL System Selectable Mirror Mode Headphone Jack with volume control IR Audio for wireless headphone On-Screen Display (OSD) for adjustment functions 	\$499.00
 V-R70DP	7" (16:9) 800 x 480 (380)		1	2			7.60" x 5.16" x 2.16"	Y	<ul style="list-style-type: none"> High Resolution 7-inch widescreen 800xRGBx480 Dots with 1.2 million pixels Optical-grade polycarbonate screen cover Analog signals converted to 10-bit digital Bright 380 cd/m² luminance 400:1 contrast ratio between black and white luminance 4:3 and 16:9 screen aspect ratios "V" Mount battery adapter included Built-in Color Bars Blue Screen for color adjustment 	\$999.95
 V-LCD8-PRO	7.9" (4:3) 480 x 234 (350)		1	1			9.41" x 6.25" x 1.5"	N	<ul style="list-style-type: none"> Plastic cabinet with 1/4" mount Bright and vivid color picture Slim, portable design Low power consumption Accepts composite and S-Video, each with active loop-through NTSC/PAL auto recognition Power supply included Weighs only 1.7 lbs 	\$949.00
 V-R84DP-2C	8.4" (4:3) 800 x 600 (450)		2				9" x 6.875" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screens Optical-grade polycarbonate screen cover Rugged Enclosure with AR/Scratch Resistant screen 450 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$1399.00
 V-R104DP-2C	10.4" (4:3) 800 x 600 (480)		2				10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> Large 10.4 Screen Field Monitor Optical-grade polycarbonate screen cover Rugged Enclosure with AR/Scratch Resistant screen Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$1599.00

Monitors SDI

Display	Resolution x RGB (Luminance in cd/m ²)	Inputs					Dimensions (W x H x D)	Tally	Features	Price
		S-Video	Composite	Component HD/SD	SDI	VGA				
 V-R70P-SD	7" (16:9) 800 x 480 (380)		1	1	1		7.60" x 5.16" x 2.16"	Y	<ul style="list-style-type: none"> High Resolution 7-inch widescreen 800xRGBx480 Dots with 1.2 million pixels Optical-grade polycarbonate screen cover 100% digital processing Analog signals converted to 10-bit digital Bright 380 cd/m² luminance 400:1 contrast ratio between black and white luminance 4:3 and 16:9 screen aspect ratios Includes V-Mount Battery Adapter / 4-Pin XLR Power Built-in Color Bars Blue Screen for color adjustment 	\$1499.00
 V-R84DP-2SDI	8.4" (4:3) 800 x 600 (400)			2			5" x 6.875" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screen Optical-grade polycarbonate screen cover 100% digital processing 50,000 hour backlight 400 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$1799.00
 V-R84DP-SD	8.4" (4:3) 800 x 600 (450)		1	1	1		9" x 6.875" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screen Optical-grade polycarbonate screen cover SDI plus all HD/SD analog signals 50,000 hour backlight 450 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2199.00
 V-R104DP-2SDI	10.4" (4:3) 800 x 600 (480)			2			10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> Large 10.4-inch screen/ 1.44 TFT-MegaPixel Optical-grade polycarbonate screen cover 100% digital processing 50,000 hour backlight 480 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$1999.00
 V-R104DP-SD	10.4" (4:3) 800 x 600 (480)		1	1	1		10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> Large 10.4-inch screen/ 1.44 TFT-MegaPixel Optical-grade polycarbonate screen cover SDI plus all HD/SD analog formats / frame rates 50,000 hour backlight 480 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2399.00
 V-R151DP-AFSD	15" (4:3) 1024 x 768 (600)		1	1	1		15.25" x 10.45" x 1.77"	Y	<ul style="list-style-type: none"> High Resolution display-1024 x RGB x 768 dots with 2.4 million pixels 16.7 million colors Wide viewing angle - 150° in all directions provides excellent off-axis visibility 600 cd/m² luminance provides enhanced image quality in a variety of lighting conditions 600:1 contrast ratio 	\$1799.00

Monitors HDS/SDI only

Display	Resolution x RGB (Luminance in cd/m ²)	Inputs					Dimensions (W x H x D)	Tally	Features	Price
		S-Video	Composite	Component HD/SD	SDI	HDS/SDI				
V-R70P-HDS/SDI 	7" 800 x 480 (380) 1.2 TFT MEGAPIXEL				1		7.60" x 5.16" x 2.16"	Y	<ul style="list-style-type: none"> High Resolution 7-inch widescreen 800xRGBx480 Dots with 1.2 million pixels Optical-grade polycarbonate screen cover 100% digital processing Analog signals converted to 10-bit digital Bright 380 cd/m² luminance "V" Mount battery adapter included 	\$1999.00
V-R84DP-HDS/SDI 	8.4" 800 x 600 (450) 1.44 TFT MEGAPIXEL				1		9" x 6.875" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screen Optical-grade polycarbonate screen cover 100% digital processing of HDS/SDI 50,000 hour backlight 450 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2099.00
V-R104DP-HDS/SDI 	10.4" 800 x 600 (480) 1.44 TFT MEGAPIXEL				1		10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 10.4-inch screen Optical-grade polycarbonate screen cover 100% digital processing of HDS/SDI 50,000 hour backlight 480 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2299.00
V-R171-IMD-HDS/SDI 	17" 1920 x 1200 (400) NATIVE RESOLUTION 1920 x 1080 DISPLAY				1 (2)		18.9" x 10.45" x 1.40"	Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1920 x 1200 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422/485 port 	\$2199.00
V-R231-IMD-HDS/SDI 	23" 1920 x 1200 (400) NATIVE RESOLUTION 1920 x 1080 DISPLAY				1 (2)		20.90" x 14.70" x 1.83"	Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1920 x 1200 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422/485 port 	\$2749.00
V-R261-IMD-HDS/SDI 	26" 1920 x 1200 (500) NATIVE RESOLUTION 1920 x 1080 DISPLAY				1 (2)		23.3" x 16.3" x 2.1"	Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1920 x 1200 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422/485 port 	\$2999.00
V-R371-IMD-HDS/SDI 	37" 1920 x 1200 (500) NATIVE RESOLUTION 1920 x 1080 DISPLAY				1 (2)		35.5" x 21.5" x 2.5"	Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1920 x 1200 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422/485 port 	\$3299.00

Monitors Component

V-LCD655SB-HDA



V-LCD651ST-HDA



V-LCD70XP-HDA



V-R70P-HDA



V-R84DP-HDA



V-R84DP-HD



V-LCD84SB-AFHD



V-R841DP-AFHD



V-R901DP-AFHD



Display	Resolution x RGB (Luminance in cd/m ²)	Inputs					Dimensions (W x H x D)	Tally	Features	Price
		S-Video	Composite	Component HD/SD	SDI	HDS/SDI				
6.5" (4:3)	640 x 480 (600) 1 TFT MEGAPIXEL			1	1		7.09" x 5.74" x 3"	N	<ul style="list-style-type: none"> Designed specifically for outdoor applications and challenging viewing environments Bright 600 candelas per square meter (cd/m²) luminance produces enhanced image quality in diverse lighting and viewing conditions 600:1 contrast ratio 	\$1799.00
6.5" (4:3)	1024 x 768 (650) 2.4 TFT MEGAPIXEL			1	1		6.8" x 6.0" x 1.9"	N	<ul style="list-style-type: none"> Designed specifically for outdoor applications and challenging viewing environments High Resolution 1024 x 768 Panel High Luminance Backlight Low Reflective Properties Variety of Markers and Shades 	\$1899.00
7" (16:9)	800 x 480 (250) 1.2 TFT MEGAPIXEL			1	1		6.84" x 5.67" x 1.57"	N	<ul style="list-style-type: none"> High resolution 800 x 480 LCD panel New durable, thin, and lightweight construction False Color On/Off Peaking Filter On/Off 4 user-configurable function buttons Scratch Resistant Protective Screen RGB gain and bias control 	\$999.00
7" (16:9)	800 x 480 (380) 1.2 TFT MEGAPIXEL			1	1	1	7.60" x 5.16" x 2.16"	Y	<ul style="list-style-type: none"> High Resolution 7-inch widescreen 800xRGBx480 Dots with 1.2 million pixels Optical-grade polycarbonate screen cover 100% digital processing Analog signals converted to 10-bit digital "V" Mount battery adapter included Bright 380 cd/m² luminance 4:3 and 16:9 screen aspect ratios 	\$1599.00
8.4" (4:3)	800 x 600 (450) 1.44 TFT MEGAPIXEL			1	1	1	9" x 6.875" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screen Optical-grade polycarbonate screen cover Accepts all analog HD/SD formats/frame rates 50,000 hour backlight 450 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and Blue "Gun" 	\$1999.00
8.4" (4:3)	800 x 600 (450) 1.44 TFT MEGAPIXEL			1	1	1	9" x 6.875" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screen Optical-grade polycarbonate screen cover Accepts all HD/SD formats/frame rates 50,000 hour backlight 450 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2499.00
8.4" (4:3)	800 x 600 (650) 1.44 TFT MEGAPIXEL			1	1	1	9" x 7" x 1.87"	Y	<ul style="list-style-type: none"> Designed specifically for outdoor applications and challenging viewing environments High Definition 8.4-inch TFT-MegaPixel screen with 800 x 600 resolution Over 16.7 million colors 650 candelas per square meter (cd/m²) luminance produces enhanced image quality in varying light and viewing conditions 600:1 contrast ratio Pixel-to-Pixel native resolution scaling 	\$2999.00
8.4" (4:3)	1024 x 768 (400) 2.4 TFT MEGAPIXEL			1	1	1	9" x 6.9" x 2.8"	Y	<ul style="list-style-type: none"> High Definition 8.4-inch 2.4 MegaPixel screen "V" Mount battery adapter included Optical-grade polycarbonate screen cover Bright 400 cd/m² luminance 400:1 contrast ratio between black and white luminance Blue Gun for color adjustment Zoom function 4:3 and 16:9 screen aspect ratios 6 Frame Marker Overlays with Center Mark 	\$3899.00
9" (16:9)	800 x 480 (400) 1.15 TFT MEGAPIXEL			1	1	1	9" x 6.9" x 1.51"	Y	<ul style="list-style-type: none"> High Resolution widescreen 800 x 480 RGB Dots with 1.15 million pixels 16.7 million colors Wide viewing angles - 160°-RL, 140° UD provides superior visibility when the viewer is not directly in front of the screen Bright 400 candelas per square meter (cd/m²) luminance produces enhanced image quality in varying light and viewing conditions 	\$3599.00

Monitors Component

V-R104DP-HDA



V-R104DP-SD



V-R104DP-HD



V-R1041DP-AFHD



V-R151DP-AFSD



V-R151DP-AFHD



V-LCD15SB-AFHD-DT



V-R201P-AFHD



Display	Resolution x RGB (Luminance in cd/m ²)	S-Video	Composite	Component HD/SD	SDI	HDSDI/SDI	VGA	DVI (HDMI w/Adapter)	Audio	Dimensions (W x H x D)	Tally	Features	Price
10.4" (4:3)	800 x 600 (480) 1.44 TFT MEGAPIXEL	1	1	1				1	1	10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 10.4-inch screen Optical-grade polycarbonate screen cover Accepts all analog HD/SD formats/frame rates 50,000 hour backlight 480 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2199.00
10.4" (4:3)	800 x 600 (600) 1.44 TFT MEGAPIXEL	1	1	1	1			1	1	10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> Large 10.4-inch screen / 1.44 TFT-MegaPixel Optical-grade polycarbonate screen cover SDI plus all HD/SD analog formats / frame rates 50,000 hour backlight 500 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2399.00
10.4" (4:3)	800 x 600 (480) 1.44 TFT MEGAPIXEL	1	1	1				1	1	10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 10.4-inch screen Optical-grade polycarbonate screen cover Accepts all HD/SD formats/frame rates 50,000 hour backlight 480 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2699.00
10.4" (4:3)	1024 x 768 (300) 2.4 TFT MEGAPIXEL	1	1	1				1	1	10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> High Resolution widescreen 1024 x 768 RGB Dots with 2.4 million pixels 16.7 million colors Wide viewing angles - 160°-RL, 140° UD provides superior visibility when the viewer is not directly in front of the screen Bright 300 candelas per square meter (cd/m²) luminance produces enhanced image quality in varying light and viewing conditions 700:1 contrast ratio 4:3 and 16:9 screen aspect ratios for DTV applications in HD and SD formats 6 Frame Marker Overlays with Center Mark Easy to see three color tally indicators 	\$4499.00
15" (4:3)	1024 x 768 (600) 2.4 TFT MEGAPIXEL	1	1	1				1	1	15.25" x 10.45" x 1.77"	Y	<ul style="list-style-type: none"> High Resolution display - 1024 x RGB x 768 dots with 2.4 million pixels 16.7 million colors Wide viewing angle - 150° in all directions provides excellent off-axis visibility 600 cd/m² luminance provides enhanced image quality 	\$1799.00
15" (4:3)	1024 x 768 (600) 2.4 TFT MEGAPIXEL	1	1	1				1	1	15.25" x 10.45" x 1.77"	Y	<ul style="list-style-type: none"> High Resolution display - 1024 x RGB x 768 dots with 2.4 million pixels 16.7 million colors Wide viewing angle - 150° in all directions provides excellent off-axis visibility 600 cd/m² luminance provides enhanced image quality 	\$1999.00
15" (4:3)	1024 x 768 (600) 2.4 TFT MEGAPIXEL	1	1	1				1	1	15.25" x 10.45" x 1.77"	Y	<ul style="list-style-type: none"> Designed specifically for outdoor applications and challenging viewing environments High Resolution 1024 x 768 RGB Dots with 2.4 million pixels Over 16.7 million colors Bright 600 candelas per square meter (cd/m²) luminance produces enhanced image quality in diverse lighting and viewing conditions 600:1 contrast ratio 	\$2999.00
20" (16:9)	1366 x 768 (430) 1.44 TFT MEGAPIXEL	1	1	1				1	1	18.69" x 12.24" x 2.09"	Y	<ul style="list-style-type: none"> Totally Digital WXGA 1366 x 768 display Native HD/SD screen formats (640, 720 lines) in TFT Pixel-to-Pixel mode CRT style viewing radius - 178" in any direction Bright 430 cd/m² luminance 500:1 contrast ratio 16:9 and 4:3 screen aspect ratios All analog signals internally converted to 24-bit component digital with 5-line adaptive filter 	\$2995.00

Monitors DVI/VGA only



Monitors DVI/VGA & more

V-LCD651ST-HDMI










V-LCD70XP-HDMI



Display	Resolution x RGB (Luminance in cd/m ²)	S-Video	Composite	Component HD/SD	SDI	HDSDI/SDI	VGA	DVI (HDMI w/Adapter)	Audio	Dimensions (W x H x D)	Tally	Features	Price
8.4" (4:3)	800 x 600 (450) 1.44 TFT MEGAPIXEL							1	1	9.0" x 6.875" x 2.5"	N	<ul style="list-style-type: none"> Easy-to-View 8.4-inch screen 100% digital processing 5 Year / 50,000 backlight life 10-bit Analog to Digital conversion Wide viewing angle - 130° 450 cd/m² luminance 4:3 and 16:9 screen aspect ratios Direct access for all adjustments Durable metal enclosure Configurable ¼ 20 Mounting 	\$999.00
8.4" (4:3)	1024 x 768 (400) 2.4 TFT MEGAPIXEL							1	1	9.0" x 6.875" x 2.5"	Y	<ul style="list-style-type: none"> Easy-to-View 8.4-inch screen 100% digital processing 5 Year / 50,000 backlight life 10-bit Analog to Digital conversion Wide viewing angle - 130° 400 cd/m² luminance 4:3 and 16:9 screen aspect ratios Direct access for all adjustments Durable metal enclosure Configurable ¼ 20 Mounting 	\$1399.00
10.4" (4:3)	800 x 600 (480) 1.44 TFT MEGAPIXEL							1	1	10.25" x 8.5" x 2.5"	N	<ul style="list-style-type: none"> Large 10.4-inch screen 100% digital processing 5 Year / 50,000 backlight life 10-bit Analog to Digital conversion Wide viewing angle - 130° 480 cd/m² luminance 500:1 contrast ratio Direct access for all adjustments Durable metal enclosure Configurable ¼ 20 Mounting Operates on 12VDC 	\$1199.00
10.4" (4:3)	1024 x 768 (300) 2.4 TFT MEGAPIXEL							1	1	10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> Large 10.4-inch screen 100% digital processing 5 Year / 50,000 backlight life 10-bit Analog to Digital conversion Wide viewing angle - 130° 300 cd/m² luminance 700:1 contrast ratio Direct access for all adjustments Durable metal enclosure Configurable ¼ 20 Mounting Operates on 12VDC 	\$1599.00
6.5" (4:3)	1024 x 768 (650) 2.4 TFT MEGAPIXEL	1	1						1	6.8" x 6.0" x 1.9"	N	<ul style="list-style-type: none"> Designed specifically for outdoor applications and challenging viewing environments High Resolution 1024 x 768 Panel High Luminance Backlight Low Reflective Properties Variety of Markers and Shades 	\$1999.00
7" (16:9)	800 x 480 (250) 1.2 TFT MEGAPIXEL	1	1						1	6.84" x 5.67" x 1.57"	N	<ul style="list-style-type: none"> High resolution 800 x 480 LCD panel New durable, thin, and lightweight construction False Color On/Off Peaking Filter On/Off 4 user-configurable function buttons Scratch Resistant Protective Screen RGB gain and bias control 	\$1099.00
8.4" (4:3)	800 x 600 (450) 1.44 TFT MEGAPIXEL	1	1	1				1	1	9" x 6.875" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screen Optical-grade polycarbonate screen cover Accepts all analog HD/SD formats/frame rates 50,000 hour backlight 450 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$1999.00
8.4" (4:3)	800 x 600 (450) 1.44 TFT MEGAPIXEL	1	1	1				1	1	9" x 6.875" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel / 8.4-inch screen Optical-grade polycarbonate screen cover SDI plus all HD/SD analog signals 50,000 hour backlight 450 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2199.00

Monitors DVI/VGA & more

Display	Resolution x RGB (Luminance in cd/m ²)	S-Video	Composite	Component HD/SD	SDI	HDMI/SDI	VGA	DVI (HDMI w/Adapter)	Audio	Dimensions (W x H x D)	Tally	Features	Price
V-R84DP-HD 	8.4" 800 x 600 (450) 1.44 TFT MEGAPIXEL	1	1	1		1	1	1		9" x 6.875" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 8.4-inch screen Optical-grade polycarbonate screen cover Accepts all HD/SD formats/frame rates 50,000 hour backlight 450 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2499.00
V-LCD84SB-AFHD 	8.4" 800 x 600 (650) 1.44 TFT MEGAPIXEL	1	1	1		1	1	1		9" x 7" x 1.87"	Y	<ul style="list-style-type: none"> Designed specifically for outdoor applications and challenging viewing environments High Definition 8.4-inch TFT-MegaPixel screen with 800 x 600 resolution Over 16.7 million colors 650 candelas per square meter (cd/m²) luminance produces enhanced image quality in varying light and viewing conditions 600:1 ratio of contrast Pixel-to-Pixel native resolution scaling Blue Gun for color adjustment 	\$2999.00
V-R841DP-AFHD 	8.4" 1024 x 768 (400) 2.4 TFT MEGAPIXEL	1	1	1		1	1	1		9" x 6.9" x 2.8"	Y	<ul style="list-style-type: none"> High Definition 8.4-inch 2.4 MegaPixel screen "V" Mount battery adapter included Optical-grade polycarbonate screen cover Bright 400 cd/m² luminance 400:1 contrast ratio between black and white luminance Blue Gun for color adjustment Zoom function 4:3 and 16:9 screen aspect ratios 6 Frame Marker Overlays with Center Mark Built-in Color Bars 	\$3899.00
V-R901DP-AFHD 	9" 800 x 480 (400) 1.15 TFT MEGAPIXEL	1	1	1		1	1	1		9" x 6.9" x 1.51"	Y	<ul style="list-style-type: none"> High Resolution widescreen 800 x 480 RGB Dots with 1.15 million pixels 16.7 million colors Wide viewing angles - 160°-RL, 140° UD provides superior visibility when the viewer is not directly in front of the screen Bright 480 candelas per square meter cd/m² luminance produces enhanced image quality in varying light and viewing conditions 600:1 contrast ratio 16:9 and 4:3 screen aspect ratios for DTV applications in HD and SD formats 6 Frame Marker Overlays with Center Mark Easy-to-see three color tally indicators Adjustment Settings Memory 	\$3599.00
V-R104DP-HDA 	10.4" 800 x 600 (480) 1.44 TFT MEGAPIXEL	1	1	1		1	1			10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel 10.4 inch screen Optical grade polycarbonate screen cover Accepts all analog HD/SD formats/frame rates 50,000 hour backlight 480 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2199.00
V-R104DP-SD 	10.4" 800 x 600 (480) 1.44 TFT MEGAPIXEL	1	1	1	1		1	1		10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> Large 10.4-inch screen / 1.44 TFT-MegaPixel Optical-grade polycarbonate screen cover SDI plus all HD/SD analog formats / frame rates 50,000 hour backlight 480 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2399.00
V-R104DP-HD 	10.4" 800 x 600 (480) 1.44 TFT MEGAPIXEL	1	1	1		1	1	1		10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> 1.44 million TFT-MegaPixel / 10.4-inch screen Optical-grade polycarbonate screen cover Accepts all HD/SD formats/frame rates 50,000 hour backlight 600 cd/m² brightness modification Includes V-Mount Battery Adapter / 4-Pin XLR Power On-Screen Display (OSD) and "Blue Gun" 	\$2699.00

Monitors DVI/VGA & more

V-R1041DP-AFHD



V-LCD12.1-SVGA



V-R151DP-AFSD



V-R151DP-AFHD



V-LCD15SB-AFHD-DT



V-LCD15







V-LCD17



Display	Resolution x RGB (Luminance in cd/m ²)	S-Video	Composite	Component HD/SD	SDI	HDMI/SDI	VGA	DVI (HDMI w/Adapter)	Audio	Dimensions (W x H x D)	Tally	Features	Price
10.4" (4:3)	1024 x 768 (300) 2.4 TFT MEGAPIXEL	1	1	1		1	1	1		10.25" x 8.5" x 2.5"	Y	<ul style="list-style-type: none"> High Resolution widescreen 1024 x 768 RGB Dots with 2.4 million pixels 16.7 million colors Wide viewing angles - 160°-RL, 140° UD provides superior visibility when the viewer is not directly in front of the screen Bright 300 candelas per square meter (cd/m²) luminance produces enhanced image quality in varying light and viewing conditions 700:1 contrast ratio 4:3 and 16:9 screen aspect ratios for DTV applications in HD and SD formats 	\$4499.00
12" (4:3)	800 x 600 (150) 1.44 TFT MEGAPIXEL	1	1			1		1		11.50" x 8.75" x 1.25"	N	<ul style="list-style-type: none"> Lightweight and portable Remote control included Built-in speakers Optional VESA adapter available (VESA 75mm Adapter V-LCD-VA) NTSC/PAL switchable Optional Ceiling Mount (\$75.00) Optional Wall Mount (\$75.00) Low cost Weights only 3.25 lbs 	\$899.00
15" (4:3)	1024 x 768 (600) 2.4 TFT MEGAPIXEL	1	1	1	1		1	1		15.25" x 10.45" x 1.77"	Y	<ul style="list-style-type: none"> High Resolution display - 1024 x RGB x 768 dots with 2.4 million pixels 16.7 million colors Wide viewing angle - 150° in all directions provides excellent off-axis visibility 600:1 contrast ratio 	\$1799.00
15" (4:3)	1024 x 768 (600) 2.4 TFT MEGAPIXEL	1	1	1		1	1	1		15.25" x 10.45" x 1.77"	Y	<ul style="list-style-type: none"> High Resolution display - 1024 x RGB x 768 dots with 2.4 million pixels 16.7 million colors Wide viewing angle - 150° in all directions provides excellent off-axis visibility 600 cd/m² luminance provides enhanced image quality in a variety of lighting conditions 600:1 contrast ratio 	\$1999.00
15" (4:3)	1024 x 768 (600) 2.4 TFT MEGAPIXEL	1	1	1		1	1	1		15.25" x 10.45" x 1.77"	Y	<ul style="list-style-type: none"> Designed specifically for outdoor applications and challenging viewing environments High Resolution 1024 x 768 RGB Dots with 2.4 million pixels Over 16.7 million colors Bright 600 candelas per square meter (cd/m²) luminance produces enhanced image quality in diverse lighting and viewing conditions 600:1 contrast ratio 	\$2999.00
15" (4:3)	1024 x 768 (250) 2.4 TFT MEGAPIXEL	1	1			1		1		15.37" x 12.19" x 2.10"	N	<ul style="list-style-type: none"> High resolution LCD panel Remote control included Built-in speakers Optional VESA adapter available (VESA 75mm Adapter V-LCD-VA) NTSC/PAL switchable Optional Ceiling Mount (\$75.00) Optional Wall Mount (\$75.00) Weights only 9 lbs 	\$999.00
17" (4:3)	1280 x 1024 (300) 1.44 TFT MEGAPIXEL	1	1			1		1		16.96" x 14.29" x 2.16"	N	<ul style="list-style-type: none"> Best viewing angle in the Industry - 170° in any direction Software driven 16:9 to 4:3 switch HD Ready: will accept 1080i or 720p with optional HD/SVGA converter VESA 75mm mount compliant NTSC/PAL switchable Weights only 12.95 lbs 	\$1999.00



Monitors

DVI/VGA & more

Display	Resolution x RGB (Luminance in cd/m ²)	S-Video	Composite	Component HD/SD	Inputs	Dimensions (W x H x D)	Tally	Features	Price
					SDI HDS/SDI VGA DVI (HDMI w/Adapter) Audio				
QV171-HDS/SDI NEW 	NATIVE RESOLUTION 17" 1920 x 1200 (400) NATIVE RESOLUTION 1920 x 1080 DISPLAY				4 1	18.69" x 12.24" x 2.09"	Y	<ul style="list-style-type: none"> Native Resolution 1920 x 1200 LCD panel High Contrast 600:1 display Accepts up to 4 HDS/SDI input and 1 VGA/DVI high resolution input VGA/DVI can accept up to 1920x1200 resolution IMD-In-Monitor Display capability for each input Audio Presence Indicator Time Code Indicator 	\$3999.00
V-LCD20 	20" 640 x 480 (450) 1 TFT MEGAPIXEL	1	1		1	20.08" x 18.90" x 2.36"	N	<ul style="list-style-type: none"> Ultra-bright 450 cd/m² luminance 400:1 contrast ratio Full function remote control NTSC/PAL switchable VESA 75mm mount compliant Weights only 17.95 lbs 	\$2799.00
V-R201P-AFHD 	20" 1366 x 768 (430)	1	1	1	1	18.69" x 12.24" x 2.09"	Y	<ul style="list-style-type: none"> Totally Digital WXGA 1366 x 768 display Native HD/SD screen formats (640, 720 lines) in TFT Pixel-to-Pixel mode CRT style viewing radius - 178° in any direction Bright 430 cd/m² luminance 500:1 contrast ratio 16:9 and 4:3 screen aspect ratios All analog signals internally converted to 24-bit component digital with 5-line adaptive filter 6 Frame Marker Overlays with Center Mark 	\$2999.00
QV261-HDS/SDI COMING SOON 	NATIVE RESOLUTION 26" 1920 x 1200 (500) NATIVE RESOLUTION 1920 x 1080 DISPLAY				4 1	23.3" x 16.3" x 2.1"	Y	<ul style="list-style-type: none"> Native Resolution 1920 x 1200 LCD panel Accepts up to 4 HDS/SDI input and 1 VGA/DVI high resolution input VGA/DVI can accept up to 1920x1200 resolution IMD-In-Monitor Display capability for each input Audio Presence Indicator Time Code Indicator 	\$5399.00

Monitors

Quads

QV171-HDS/SDI NEW 	NATIVE RESOLUTION 17" 1920 x 1200 (400) NATIVE RESOLUTION 1920 x 1080 DISPLAY				4 1	18.69" x 12.24" x 2.09"	Y	<ul style="list-style-type: none"> Native Resolution 1920 x 1200 LCD panel High Contrast 600:1 display Accepts up to 4 HDS/SDI input and 1 VGA/DVI high resolution input VGA/DVI can accept up to 1920x1200 resolution IMD-In-Monitor Display capability for each input Audio Presence Indicator Time Code Indicator 	\$3999.00
QV261-HDS/SDI COMING SOON 	NATIVE RESOLUTION 26" 1920 x 1200 (500) NATIVE RESOLUTION 1920 x 1080 DISPLAY				4 1	23.3" x 16.3" x 2.1"	Y	<ul style="list-style-type: none"> Native Resolution 1920 x 1200 LCD panel Accepts up to 4 HDS/SDI input and 1 VGA/DVI high resolution input VGA/DVI can accept up to 1920x1200 resolution IMD-In-Monitor Display capability for each input Audio Presence Indicator Time Code Indicator 	\$5399.00

Monitors

IMD In-Monitor Display

Display	Resolution x RGB (Luminance in cd/m ²)	S-Video	Composite	Component HD/SD	Inputs	Dimensions (W x H x D)	Tally	Features	Price
					SDI HDS/SDI VGA DVI (HDMI w/Adapter) Audio				
V-R171-IMD-HDS/SDI 	NATIVE RESOLUTION 17" 1920 x 1200 (400) NATIVE RESOLUTION 1920 x 1080 DISPLAY				1 (2)	18.9" x 10.45" x 1.40"	Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1920 x 1200 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422/485 port 	\$2199.00
QV171-HDS/SDI NEW 	NATIVE RESOLUTION 17" 1920 x 1200 (400) NATIVE RESOLUTION 1920 x 1080 DISPLAY				4 1	18.69" x 12.24" x 2.09"	Y	<ul style="list-style-type: none"> Native Resolution 1920 x 1200 LCD panel High Contrast 600:1 display Accepts up to 4 HDS/SDI input and 1 VGA/DVI high resolution input VGA/DVI can accept up to 1920 x 1200 resolution IMD-In-Monitor Display capability for each input Audio Presence Indicator Time Code Indicator 	\$3999.00
V-R231-IMD-HDS/SDI 	NATIVE RESOLUTION 23" 1920 x 1200 (400) NATIVE RESOLUTION 1920 x 1080 DISPLAY				1 (2)	20.90" x 14.70" x 1.83"	Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1920 x 1200 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422/485 port 	\$2749.00
V-R261-IMD-HDS/SDI 	NATIVE RESOLUTION 26" 1920 x 1200 (500) NATIVE RESOLUTION 1920 x 1080 DISPLAY				1 (2)	23.3" x 16.3" x 2.1"	Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1920 x 1200 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422/485 port 	\$2999.00
QV261-HDS/SDI COMING SOON 	NATIVE RESOLUTION 26" 1920 x 1200 (500) NATIVE RESOLUTION 1920 x 1080 DISPLAY				4 1	23.3" x 16.3" x 2.1"	Y	<ul style="list-style-type: none"> Native Resolution 1920 x 1200 LCD panel Accepts up to 4 HDS/SDI input and 1 VGA/DVI high resolution input VGA/DVI can accept up to 1920x1200 resolution IMD-In-Monitor Display capability for each input Audio Presence Indicator Time Code Indicator 	\$5399.00
V-R371-IMD-HDS/SDI SPECIAL ORDER 	NATIVE RESOLUTION 37" 1920 x 1200 (500) NATIVE RESOLUTION 1920 x 1080 DISPLAY				1 (2)	35.5" x 21.5" x 2.5"	Y	<ul style="list-style-type: none"> "All-in-one" In-Monitor Display solution without added depth High Resolution 1920 x 1200 RGB Dots Three-color on-screen "soft" tally indicators (Red / Green / Amber) On-Screen Audio Presence Indicator On-Screen Video Time Code RS-422/485 connection with loop-through for control communication / IMD functionality Field upgradeable firmware capability via RS-422/485 port 	\$3299.00

MXL® USB Microphones & Adapters

MXL® Microphones (the professional audio division of Marshall Electronics) offers a complete series of USB microphones and adapters. These USB mics and adapters were designed with the broadcast industry in mind. Record high-quality vocals or narration directly to your laptop or desktop without an audio interface, mixer, or preamp! No special drivers required!

The MXL® USB microphones and adapters make a great solution for field recording, podcasts, interviews, music, and meetings. A number of TV stations are currently using our USB microphones to connect to a laptop and record straight onto the timeline of their non-linear editing software. This eliminates the costly, time-consuming process of disconnecting and reconnecting a camera to a computer in order to record vocal tracks on-location. MXL® USB microphones streamline the news editing process without additional gear, while providing studio-quality audio. MXL® audio products provide a viable, cost-effective solution for the broadcast industry, while improving efficiency and workflow.

USB Microphones

Mac / PC compatible



Studio 1

Pro-Quality USB Condenser Mic with Headphone Jack

- Frequency Response: 40Hz to 20kHz
- Sampling Rate: 44.1kHz and 48kHz
- Bus Powered
- USB 1.1 and 2.0 Compatible
- 16-bit Delta Sigma A/D Converter with THD+N - 0.01%
- No Special Drivers Required

Price: \$99.95



USB.006

Gold Diaphragm USB Condenser Mic

- 22mm Capsule
- Gold Sputtered Diaphragm
- Frequency Response - 20Hz to 20kHz
- Sampling Rate - 44.1 and 48kHz
- Bus Powered
- USB 1.1 and 2.0 Compatible
- Three Position Analog Gain Control
- 16-bit Delta Sigma A/D Converter with THD+N - 0.01%
- No Special Drivers Required

Price: \$139.95



USB.007 Stereo

Dual Gold Diaphragm USB Condenser Mic

- Two 22mm Capsules in a 90 degree XY configuration
- Discrete Left and Right Signal Paths to Minimize Crosstalk
- Adjustable Stereo Width (after recording and during mixing)
- Gold Sputtered Diaphragms
- Frequency Response - 20Hz to 20kHz
- Sampling Rate - 44.1 and 48kHz
- Bus Powered
- USB 1.1 and 2.0 Compatible
- Three Position Analog Gain Control
- 16-bit Delta Sigma A/D Converter with THD+N - 0.01%
- No Special Drivers Required

Price: \$199.95



USB.009

Professional 24-bit/96 kHz Gold Diaphragm USB Condenser Mic

- 32mm Pressure Gradient Capsule
- 6-Micron Gold Sputtered Diaphragm
- 114dB dynamic range
- USB 1.1 and 2.0 Compatible
- Analog gain control before the A/D
- Built-in Headphone Amplifier
- Zero Latency Monitoring
- Mix control between live mic and computer playback
- USB powered
- Bit Depths available: 16 and 24
- Sample rates available: 44.1kHz, 48kHz, 96kHz

Price: \$399.95



USB-77 Classic-style USB microphone

- Classic design with studio-quality sound
- Zero latency direct monitoring
- Includes 1/8-inch stereo headphone jack
- High quality headphone amplifier and analog gain controls
- PC and Mac compatible

Price: \$349.95



V177 Low Noise, Condenser Microphone

- Classic body design with modern condenser technology
- Provides crystal-clear sound quality and detail
- Excels in any recording application
- Includes 6-micron gold-sputtered diaphragm

Price: \$399.95

Boundary Microphones

Phantom-powered three-capsule boundary mics make it easy to find the right solution for every job



Price: \$179.95



Price: \$99.95



Price: \$99.95

FR-400

Has a wide pattern to capture everything on a stage and includes a bass cut/boost switch to even out the tonality.

FR-401

Has a more directional pattern to reject nearby unwanted sounds and has a built-in 15' XLR cable.

FR-402

Connects directly to a camera for the fastest way to record tabletop interviews with great results. Includes a 15' mini-XLR to XLR cable.



FR-401 shown

USB Adapters

Mac / PC compatible



Price: \$99.95

Mic Mate™ PRO

- Studio-quality USB Microphone Adapter / Preamp
- Adapts any existing condenser microphone to USB
- Supplies 48V Phantom Power
- Zero latency monitoring
- Gain and headphone controls
- 1/8-inch headphone jack
- Easy Plug and Record - no special drivers required!
- Fully balanced low noise analog front-end
- Compact travel size with heavy duty diecast metal construction

Price: \$69.95



Mic Mate™ DYNAMIC

- Studio-quality USB Dynamic Microphone Adapter / Preamp
- Adapts any existing dynamic microphone to USB
- Perfect companion for SM-57/58, RE50, and 635N/DB
- Easy Plug and Record - no special drivers required!
- Fully balanced low noise analog front-end
- Three position analog gain control
- Compact travel size with heavy duty diecast metal construction
- Modifications for Ribbon mics available



V-R70-1M

The V-R70-1M can be used to mount select 7" portables into a standard 19" EIA rack. Two monitors can be installed or a single monitor with a blank insert that is included.
Price: \$85.00



V-STAB4

Adjustable stand for select 8.4" and Outdoor Series.
Price: \$65.00



- V-Y151** Price: \$149.95
- V-Y171** Price: \$149.95
- V-Y201** Price: \$199.95
- V-Y231** Price: \$199.95

5/8" yoke mount for select 15", 17", 20", or 23" monitors.



- V-H700** Price: \$99.95
- V-H7M** Price: \$99.95
- V-H900** Price: \$129.00
- V-H10M** Price: \$129.00

Sun Hood for 6.5", 7", 8.4", and 10.4" monitors. Use for viewing in bright lighting or outdoors.



V-ABA-01

V-Mount to Anton Bauer Adapter
Use to power Marshall monitors that have V-Mount plate with Anton Bauer Gold Mount battery.
Price: \$199.00



V-DV-PWR1

Use the DV-Power pack with Marshall's line of stand-alone monitors. This product is the perfect solution for users of DV and HDV Camcorders.
Price: \$299.00



V-LCD4-ST

Plastic desktop stand
Supports 4"-7" monitors (without batteries).
Price: \$39.95



V-LCD70TMB-02

Set of 3 Tripod Mount Brackets with screws
Fits all single screen 7.0", 8.4", 9", and 10.4" monitors. Mounting plate can be installed to any side of monitor enclosure. Compatible with most 1/4-20 threaded mounting devices.
Price: \$29.95



V-53DS

Desktop stand legs for V-R53P Series.
Price: \$39.95



V-R84DP-1M/V-R104-1M

A single V-R84DP/V-R104DP model can be installed into a standard 19" EIA rack with this kit.
Price: \$99.00 / \$129.00



V-FR84

Rackmount Frame for select 8.4" and Outdoor Series.
Price: \$49.95



V-FR84-CP

8.4" Rack Blank Cover Plate.
Price: \$29.95



V-CC7

Airtight, watertight, dent & shatter-resistant carrying case.
Price: \$199.00



V-LCD-MT-01

Camera Hot Shoe Mount
Attaches monitor to camera. Supports up to 5.6" monitors.
Price: \$24.95



- V-NF1108-CA** Price: \$149.00
- V-DG1108-CA** Price: \$169.95
- V-MG1106** Price: \$178.95

Articulating arms provide a flexible way to mount a monitor onto your camera.



V-ST08

Price: \$29.95
Fixed stand for select 8.4" monitors



- V-ST15** Price: \$45.95
Fixed stand for select 15 - 17" monitors
- V-ST17** Price: \$55.95
Fixed stand for V-R171P-AFHD
- V-ST20** Price: \$59.95
Fixed stand for V-R201P-AFHD
- V-ST23-32** Price: \$59.95
Fixed stand for select 23 - 32" IMD monitors



V-PAC-D-XLR Power Adapter Cable
4-pin XLR-F to Anton Bauer PowerTap.
Price: \$60.00



V-PAC-XLR Power Adapter Cable
2-pin twist-lock to 4-pin XLR-M.
Price: \$60.00

Portable ATSC Field Monitors

The digital transition is here and Marshall has you covered. Marshall is pleased to offer three new portable LCD field monitors with built-in digital ATSC tuners. These new 16:9 monitors are available in 7", 10.2", and 11" sizes and comply with the Federal Communications Commission (FCC) mandate requiring the conversion of analog broadcast signals to digital. No digital-to-analog converter box required. Not only do these monitors provide portable television, but they are perfect for mobile ENG / OB Vans, surveillance, and security. These units can be integrated into fixed solutions and fed with a CATV or CCTV signal. Each unit also supports QAM (or ClearQAM) tuning, which allows viewing of non-encrypted digital channels.



V-LCD70-ATSC
Price: \$269.00



V-LCD102-ATSC
Price: \$399.00



V-LCD110-ATSC
Price: \$399.00

7" ATSC / QAM / NTSC LCD TV	
Resolution	480 x 234
Aspect Ratio	16 : 9
Contrast	300 : 1
Brightness (cd/m ²)	200
Video Input	1Vp-p 75 ohm (two route)
Audio Input	2Vp-p two channels (L & R)
Audio output	Build-in loudspeaker (0.5W x 2)
Input Resistance	Input Resistance
Input bit rate	Max. 19.4Mbit/s
Audio decoding	AC-3
Sound output	Stereo/2-channel (Left & Right)
QAM Modulation	64-QAM, 256-QAM, 8-VSB
Frequencies	CATV (STD, IRC, HRC) AIR: CH2-69 CATV: CH2-125
OSD menu language	English, French, Spanish
Power supply	AC 110-240V, DC 12V 10W
Accessories	Remote control, AC/DC adapter, support bracket, A/V cable and manual

10.2" ATSC / QAM / NTSC LCD TV	
Resolution	800 x 480
Aspect Ratio	16 : 9
Contrast	400 : 1
Brightness (cd/m ²)	180
Video Input	1Vp-p 75 ohm (two route)
Audio Input	2Vp-p two channels (L & R)
Audio output	Build-in loudspeaker (0.5W x 2)
Input Resistance	Input Resistance
Input bit rate	Max. 19.4Mbit/s
Audio decoding	AC-3
Sound output	Stereo/2-channel (Left & Right)
QAM Modulation	64-QAM, 256-QAM, 8-VSB
Frequencies	CATV (STD, IRC, HRC) AIR: CH2-69 CATV: CH2-125
OSD menu language	English, French, Spanish
Power supply	AC 110-240V, DC 12V 10W
Accessories	Remote control, AC/DC adapter, 75 ohm antenna conversion cable (screw connector), U-shaped, support bracket, A/V cable and manual

11" ATSC / QAM / NTSC LCD TV	
Resolution	800 x 480
Aspect Ratio	16 : 9
Contrast	500 : 1
Brightness (cd/m ²)	200
Video Input	1Vp-p 75 ohm (two route)
Audio Input	2Vp-p two channels (L & R)
Audio output	Build-in loudspeaker (0.5W x 2)
Input Resistance	Input Resistance
Input bit rate	Max. 19.4Mbit/s
Audio decoding	AC-3
Sound output	Stereo/2-channel (Left & Right)
QAM Modulation	64-QAM, 256-QAM, 8-VSB
Frequencies	CATV (STD, IRC, HRC) AIR: CH2-69 CATV: CH2-125
OSD menu language	English, French, Spanish
Power supply	AC 110-240V, DC 12V 10W
Accessories	Remote control, AC/DC adapter, 75 ohm antenna conversion cable (screw connector), U-shaped, support bracket, A/V cable and manual

Marshall Watertight Protective Cases



Protect your investment with Marshall's watertight protective cases. These new cases are made of high impact plastic with watertight seals, integrated pressure release valve, customer configurable foam inserts, and provisions for security locks or customs seals. Our lightweight cases are available in variety of sizes depending on your specific requirements.

Model #	Internal Dimensions			Price
	Width	Height	Depth	
VC-451	3.5"	6.25"	9.25"	\$32.99
VC-452	5.5"	6.25"	9.25"	\$43.99
VC-453	4.25"	7.25"	12"	\$57.99
VC-454	6.25"	7.25"	12"	\$68.99
VC-455	5.75"	9.25"	14"	\$79.99
VC-456	4.25"	10.75"	15.5"	\$87.99
VC-457	7"	10.75"	15.5"	\$111.99
VC-458	7.5"	12.5"	17.25"	\$152.99
VC-459	7.75"	14.5"	21.5"	\$207.99
VC-4510	10.5"	14.5"	21.5"	\$265.99



Tel.: 800-800-6608 / Fax: 310-333-0688 / www.LCDracks.com **Marshall Electronics**

Features, specifications, pricing and dimensions are subject to change without notice. Physical appearance of products may vary slightly from images shown in this catalog. Please visit LCDRACKS.COM for updates and information.