

Introducing Our New Line of TFT-MegaPixel™ High Definition Monitors



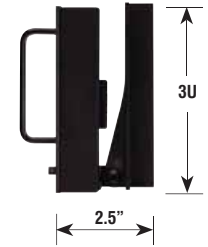
Many of our new products feature TFT-Megapixel™ displays that provide greatly improved images compared to similar CRT and LCD products. This new product line features the highest pixel density available for 10.4-inch to 3.5-inch displays in one, two, three, and four screen configurations. Unlike many other LCD monitor manufacturers who simply package OEM open frame monitor sets, Marshall Electronics has developed these products with newly developed proprietary technology that delivers a totally digital image process onto each screen with greater than twice the resolution of our competition. Significant improvements have also been achieved in brightness, contrast ratio, and viewing angles. Configurations are available with HDS/SDI, SDI, DVI, Component HD/SD, and composite video inputs. All models feature screens calibrated to SMPTE/ITU standards for color gamut and color temperature.

TFT-MegaPixel™ against CRT Comparison Chart	
TFT-MegaPixel™ Vertical Resolution (in TV Lines)	CRT Vertical Resolution (in TV Lines)
Screen Size: 3.5-inch (4:3) 480 Lines (in 4:3 aspect) 360 Lines (in 16:9 aspect)	Not available
Screen Size: 6.5-inch (16:9 Aspect Ratio) 480 Lines (in 4:3 aspect) 480 Lines (in 16:9 aspect)	Screen Size: 5-inch (4:3 Aspect Ratio) 250 Lines (in 4:3 aspect) 190 Lines (in 16:9 aspect)
Screen Size: 7-inch (16:9 Aspect Ratio) 480 Lines (in 4:3 aspect) 480 Lines (in 16:9 aspect)	Screen Size: 8-inch (4:3 Aspect Ratio) 450 Lines (in 4:3 aspect) 340 Lines (in 16:9 aspect)
Screen Size: 8.4-inch (4:3 Aspect Ratio) 768 Lines (in 4:3 aspect) 578 Lines (in 16:9 aspect)	Screen Size: 9-inch (4:3 Aspect Ratio) 450 Lines (in 4:3 aspect) 340 Lines (in 16:9 aspect)

Pixel Matrix Comparison of Rack Mount Multiple Screen Models Available			
Number of Screens per Rack Mount Set	Marshall TFT-MegaPixel™ Configuration Matrix	SONY Pixel Configuration Matrix	Wohler - Panorama DTV Pixel Configuration Matrix
4 screens (4:3 aspect)	640 x RGB x 480	160 x RGB x 234	160 x RGB x 234
3 screens (16:9 aspect)	800 x RGB x 480	320 x RGB x 234	320 x RGB x 234
2 screens (16:9 aspect)	800 x RGB x 480	480 x RGB x 234	480 x RGB x 234
2 screens (4:3 aspect)	1024 x RGB x 768	Not Available	384 x RGB x 234

All information based upon published data

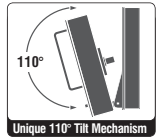
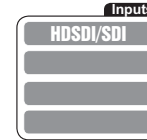
NEW



Price: \$3999.00

V-R653P-HDS/SDI Triple Serial Digital HDS/SDI monitor set with 1.2 TFT-Megapixel displays

Display (Viewing area)	6.5" (5.67"H x 3.10"W)
Resolution (Pixels)	800H x RGB x 480V (1.2 million pixels)
Dot Pitch	0.163 mm (W) x 0.18mm (H)
Brightness (in cd/m²)	380 cd/m²
System	HDS/SDI all standards and frame rates
Inputs per panel (total)	1 (3) Composite, 1 (3) HGS/SDI
Dimensions	19.125"W x 5.14"H x 2.5"D
Approx. Weight	5 lbs
Power Consumption	12 VDC, 3.0 Amps



The Rack mounted and tiltable **V-R653P-HDS/SDI** represents leading edge technology in LCD imaging for broadcast and professional video applications featuring High Resolution, 1.2 megapixel, TFT screens with completely digital signal processing. All SMPTE/ITU serial digital video standards and frame rates are accepted and displayed on each screen of this model. All video formats are scaled to fit on screen in the highest resolution using a state of the art LSI that incorporates 4 x 4 pixel interpolations with precision Gamma correction to produce the best images available. Each screen is calibrated to SMPTE standards for gamma and color temperature.

- 3 High Resolution 6.5-inch 1.2 MegaPixel wide screens
- 100% digital processing
- High resolution scaling of all images
- Wide viewing radius - 130° horizontal and 120° vertical provides superior visibility when the viewer is not directly in front of the screen
- 500 candelas per square meter (cd/m²) luminance produces enhanced image quality in varying light and viewing conditions
- 500:1 ratio of contrast between black and white luminance values with response rates less than 30 ms results in excellent quality for moving images
- 4:3 and 16:9 screen aspect ratios for DTV applications in HD and SD formats
- Works with all SMPTE/ITU SDI/HDS/SDI production formats and frame rates
- Blue Gun for color adjustment. SD/HD digital signal indicators
- Standard Digital inputs:
 - HDS/SDI (all formats and frame rates)
 - SDI (ITU-R BT601 format-525i, 625i)
 - Re-clocked and shaped output of all input signals
- Easy to see three color tally indicators
- Ready to mount in 19" rack out of the box