



The V-R70P-HDSOI represents leading edge technology in LCD imaging for broadcast and Professional video applications featuring our High Resolution, TFT-Megapixel screen with 1.2 million pixels and completely digital signal processing. All SMPTE/ITU serial digital video standards and frame rates are accepted and displayed on 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.)

- Durable metal enclosure
- "V" Mount battery adapter included
- Runs 4 to 6 hours on optional 50WH battery
- High Resolution 7-inch wide screen 800x480 Dots with 1.2 million pixels
- Optical Grade polycarbonate screen cover with Antireflective/Antiglare coating
- 100% digital processing
- Analog signals converted to 10 bit digital
- 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
- 380 candelas per square meter (cd/m<sup>2</sup>) luminance produces enhanced image quality in varying light and viewing conditions
- 400:1 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
- Automatic NTSC/PAL format detection

- Standard inputs:
  - HDSOI/SDI (Smpte-292M/259M)
  - 4 Pin XLR D.C. power jack
- Easy to see three color tally indicators
- Built in Color Bars
- Blue Screen for color adjustment
- Adjustment Settings Memory
- Includes ¼-20 mounting plate that can be attached to any edge of the enclosure (additional mounting plates available)
- Includes universal voltage Class-2 power supply
- Fits into Tektronix® WFM7F05/1700F05 rack adapter
- Optional rack mount kit

### ■ SPECIFICATIONS:

Viewing Area:	6.14" (H) x 3.27" (V)	Video Input:	1 x HDSOI / SDI
Aspect Ratio:	16 : 9 / 4 : 3		
Pixels:	800 (H) x RGB x 480 (V)		
Dot Pitch:	0.065mm x 0.175mm	Dimensions:	Width 7.60 Inch
Display:	7" Megapixel TFT		Height 5.16 Inch
Brightness:	380 cd		Depth 2.16 Inch
Power Requirement:	10-17 VDC, 600m Amp.		Weight 1.8 lbs.

Design and specifications are subject to change without notice.