

# ASI Applied Scientific Instrumentation

## LCD-7.9 Color Monitor

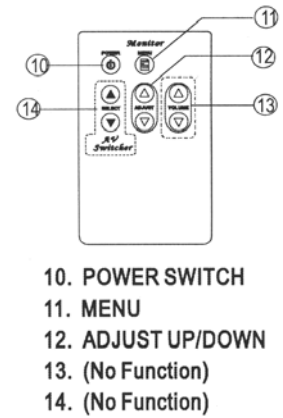
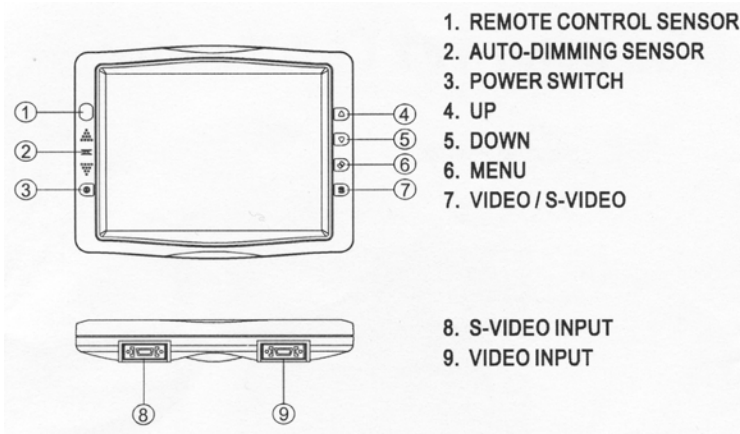
The LCD-7.9 is an advanced active matrix Thin Film Transistor Liquid Crystal Display (TFT-LCD) color monitor, with remote control. The high-res 7.9" diagonal screen displays 336,960 pixels with 1440 horizontal dot resolution. It can auto-sense NTSC or PAL signals, and accepts both S-Video and Composite video inputs. It will automatically power down in the absence of a video signal, and will power back up when it returns. The screen is backlit by a long-lifetime (10,000 hour) Cold Cathode Filament Tube (CCFT).



Features include an auto-dimming screen, and the ability to invert and to mirror the screen display. The picture can be adjusted for brightness, color, contrast, and tint (NTSC only). The supplied mounting bracket permits flexible monitor orientation. This monitor will run on any DC voltage between 10 and 30 volts, while consuming no more than 10 watts. The interface cable has a BNC video jack providing convenient connectivity to existing cameras, and a co-axial power jack to a power module (supplied). The monitor's low power consumption, wide operating power range, thin lightweight flat panel, and minimal screen radiation features make it ideal for you.

***We Create Solutions***

Applied Scientific Instrumentation, Inc. ♦ 29391 W Enid Rd ♦ Eugene, OR 97402-9533  
(541) 461-8181 ♦ (800) 706-2284 ♦ [info@ASImaging.com](mailto:info@ASImaging.com) ♦ [www.ASImaging.com](http://www.ASImaging.com)



## Specifications

Display Resolution (dot)	1440 (H) x 234 (V)
Active Area	161.1 mm (W) x 118.0 mm (H)
Screen Size (inches)	7.9" (diagonal)
Dot Pitch	0.112 mm (W) x 0.504 mm (H)
Contrast Ratio	150 (typical)
Brightness	300 nit (typical)
Viewing Angle	55° left/right, 35° bottom, 15° top
Back Light	CCFT (10,000 hour lamp life)
Input Signal	NTSC & PAL (auto-switch) Composite and S-Video
Video Input	1Vp-p, 75 Ohm, BNC Jack
Operating Voltage	DC 10V to 30V
Power Module	12 VDC output, 115VAC input
Power Consumption	10 W maximum
Operating Temperature	0° to +60° C
Storage Temperature	-30°C to +80°C
Operating/Storage Humidity	85% RH (maximum)
Overall Dimensions	209 mm (W) x 158.5 mm (H) x 31.5 mm (D)
Weight	650 grams

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