



## LCD Color Monitors

Models LM-401M, LM-681M

**LM-401M** and **LM-681M** LCD Color Monitors feature 4" and 6.8" diagonal Active Matrix LC Displays respectively, offering high brightness and wide viewing angles. They have two Composite Video Inputs and NTSC or PAL standards are automatically detected. The image on the screen can be horizontally reversed or vertically flipped with switches provided on the units. A Mono Audio Input is provided and a Headphone Jack on the front panel allows for audio monitoring. Both models are housed in metal cases for field work, making them highly portable. They are powered by 12VDC and an AC Adapter is included. Standard VESA mounting holes are provided on the rear panel of the LM-681M. Both models are flicker-free, low radiation, light weight, space saving and features low power consumption. The LM-681M includes a tiltable sunshade for improved viewing in bright areas.



**LM-401M**



**LM-681M**

### Specifications

LCD Panel	LM-401M	LM-681M
Display Size	4.0" (10cm)	6.8" (17.3cm)
Panel Resolution	480x234	1152x234
Active Area	82.1x61.8mm	138.2x103.2mm
Left/Right View Angle	45°	45°
Up/Down View Angle	10°/30°	10°/30°
<b>Inputs</b>		
Composite Video	2x via RCA Connectors	
Mono Audio	1x via RCA Connector	
<b>General</b>		
Display Element	Active Matrix TFT	
Brightness	250 cd/m <sup>2</sup>	
Contrast Ratio	200:1	
TV Standards	NTSC-PAL Auto-detect	
Vertical Frequency	NTSC:60Hz, PAL:50Hz	
Horizontal Frequency	NTSC:15.75KHz, PAL:15.625KHz	
Video Monitoring	Via RCA Connector	
Audio Monitoring	Via 3.5mm Jack	
<b>Controls</b>		
Image Reverse	Right-Left, Up-Down Switches	
Image Adjustments	Color, Brightness, Contrast Knobs	
Audio Level	Headphone Volume	
Video Input	Video 1-Video 2 Switch	
Power	On/Off Switch	

<b>Limited Warranty</b>	
Unit, except LCD Panel	1 Year Parts and Labor
LCD Panel	Panel Manufacturer's Terms
<b>Mechanical</b>	
LM-401M Size (H-W-D)	4.5"x5.5"x1.4"(115x139x36mm)
Weight (Net)	1 lb (450 g)
LM-681M Size (H-W-D)	5.3"x7.6"x1.4"(134x194x36mm)
Weight (Net)	1.7 lbs (780 g)
LM-401 Mounting	Tripod Thread Hole - Bottom
LM-681 Mounting	Thread Hole & VESA Rear Mount
<b>Environmental</b>	
Operating Temperature	+32° to +140° F (0° to +60° C)
Operating Humidity	Up to 85%, Non-condensing
Storage Temperature	-13° to +176° F (-25° to +80° C)
Storage Humidity	Up to 85%, Non-condensing
<b>Power Requirement</b>	
External Power Supply	9-13VDC @250mA, 5W Max
<b>Regulatory Approvals</b>	
Monitors	FCC, CE
Power Supplies	UL, CE, CSA
<b>Accessories Included – LM401M, LM-681M</b>	
1x Operations Manual	LM-401/681 Series
1x Sunshade	LM-681M Only
1x AC Power Adapter	115VAC to 12VDC @ 500mA

### Panel Drawings

**LM-401**

**LM-681**

