LCD Color Monitors

Models LM-682R, LM-563R, LM-404R

LM-682R, LM-563R and **LM-404R** are high performance Color LCD Monitors in unique rackmount housings that tilt up or down to optimize the viewing angle. This is particularly beneficial when circumstances necessitate that the monitors be mounted above or below normal eye level. All models feature high brightness, Active Matrix LCD Displays with wide viewing angles and excellent contrast ratios. They are flicker-free, low radiation, light weight, space saving and feature low power consumption. Each model is powered by a single 12VDC power source that can mount on the rear of the monitor housing for convenience. A Universal AC Adapter is provided and is fitted with a Locking DC Plug for security of connection. NTSC and PAL TV Standards are supported and are automatically detected. A Mirror Image Switch to horizontally reverse the image is provided on the rear panel for each individual display.

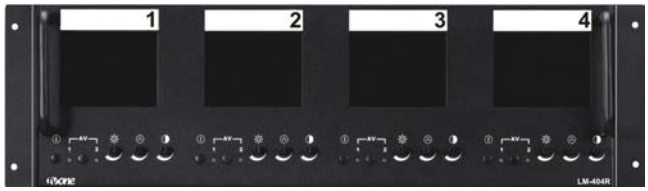
LM-682R is a high performance Dual Color LCD Monitor featuring two 6.8" displays, each with a Composite Video and an S-Video input.

LM-563R is a high performance Triple Color LCD Monitor featuring three 5.6" displays, each with a Composite Video and an S-Video input.

LM-404R is a high performance Quad Color LCD Monitor featuring four 4.0" displays, each with a Composite Video and an S-Video input.

LM-682R

LM-563R



LM-404R

Key Features of the Series

- Vertically Tiltable Rackmount Housing
- Multiple Sizes and Configurations
- Composite and S-Video Inputs
- High Brightness LCD Panels
- Professional Grade LCD Displays
- Wide Viewing Angle
- Universal AC Power Adapter
- Locking DC Power Plug

Tilt Mount

Monitor Comparison Chart

Category	LM-682R - Dual	LM-563R - Triple	LM-404R - Quad
Number of Displays	2x	3x	4x
Display Size	2x 6.8" (17.3cm) Diagonal	5.6" (14.2cm) Diagonal	4.0" (10.2cm) Diagonal
Panel Resolution	1152x234	960x234	480x234
Contrast Ratio	150:1	150:1	125:1
Brightness	300 cd/m2	300 cd/m2	250 cd/m2
Left/Right View Angle	45°	45°	45°
Up/Down View Angle	10°/30°	10°/30°	10°/30°
Video Inputs	2ea Composite and S-Video	3ea Composite and S-Video	4ea Composite and S-Video

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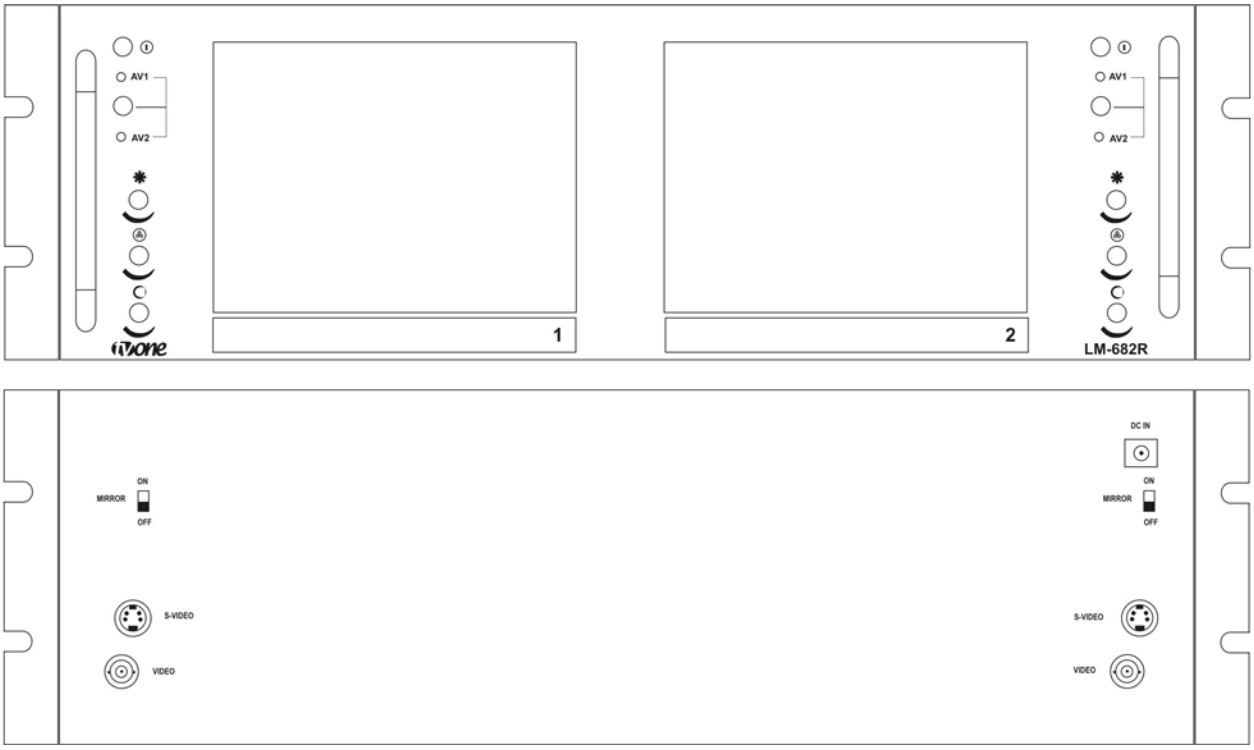
Specifications

Video Inputs – Per Display	
Composite Video	1x via BNC Connector
S-Video	1x via 4-Pin Mini-DIN Connector
Controls – Per Display	
Mirror Image Switch	Right to Left Reverse
Video Adjustments	Brightness, Contrast, Color
Source Selection	Composite or S-Video Input
Power	On/Off Switch
General	
Aspect Ratio	4:3
Display Element	Active Matrix TFT
TV Standards	NTSC - PAL Auto-detect
Vertical Frequency	NTSC:60Hz, PAL:50Hz
Horizontal Frequency	NTSC:15.75KHz, PAL:15.625KHz
Limited Warranty	
Unit, except LCD Panel	1 Year Parts and Labor
LCD Panel	Panel Manufacturer's Terms
Mechanical	
Size (H-W-D)	5.25"x19"x3"(133x482x76mm)
Weight (Net)	4.4 lbs (2 kg)
Rackmount Type	3 RU - Tilt Up/Down

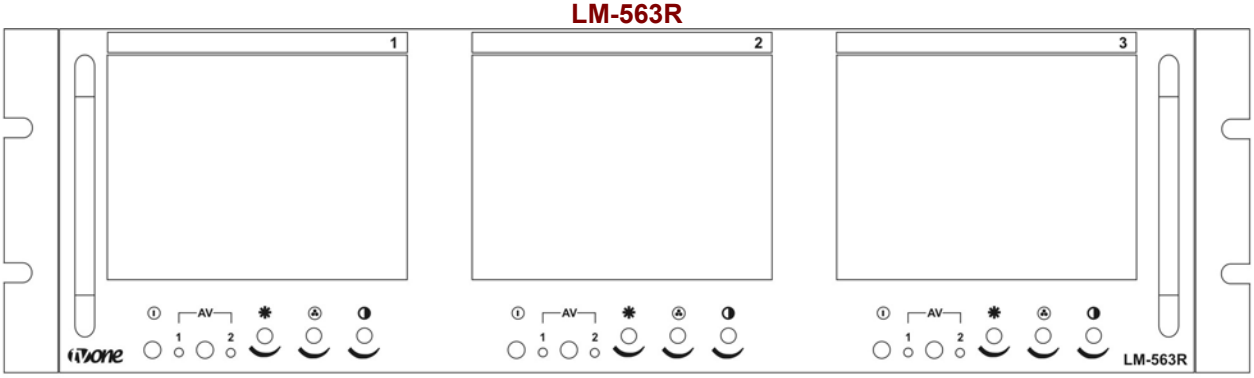
Environmental	
Operating Temperature	+32° to +140° F (0° to +60° C)
Operating Humidity	Up to 85%, Non-condensing
Storage Temperature	-13° to +140° F (-25°to +60° C)
Storage Humidity	Up to 85%, Non-condensing
Power Requirement	
External Power Supply	12-24VDC, 8Watts Maximum (Common PS for all Displays)
Regulatory Approvals	
Monitors	FCC, CE
Power Supplies	UL, CE, CSA
Accessories Included	
1x Operations Manual	
4x Rackmount Screws	
1x Set Rackmount Ears	Tiltable Configuration
1x AC Power Adapter	100-240VAC to 12VDC @ 4A
1x PS Mounting Bracket	Power Adapter to Back of Unit
Product Item Numbers	
LM-682R	Dual 6.8" Rackmount Monitor
LM-563R	Triple 5.6" Rackmount Monitor
LM-404R	Quad 4.0" Rackmount Monitor

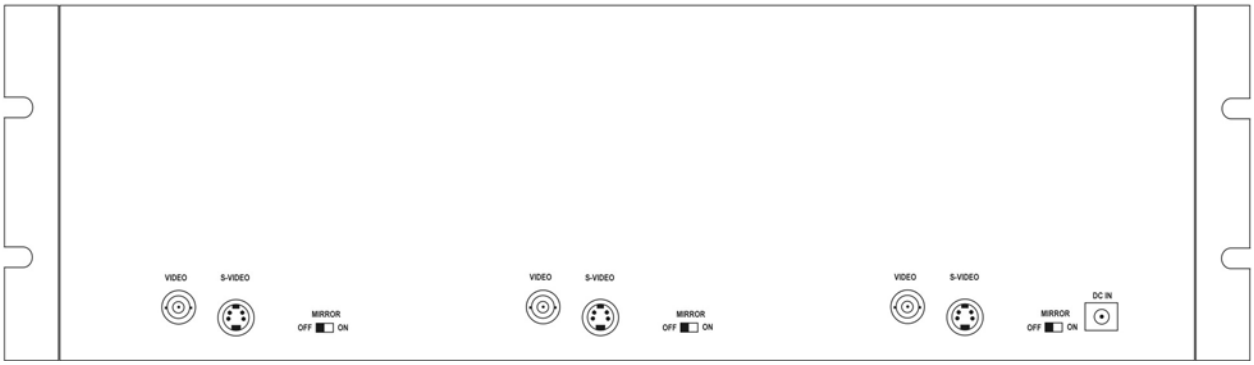
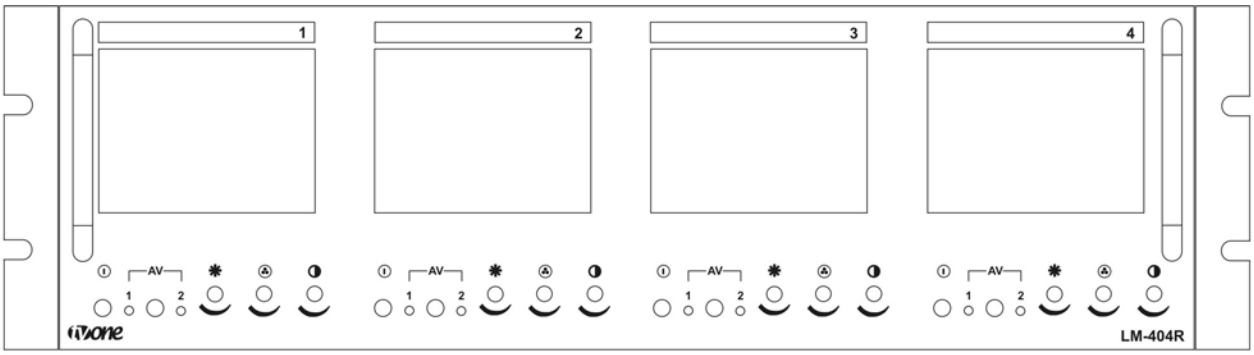
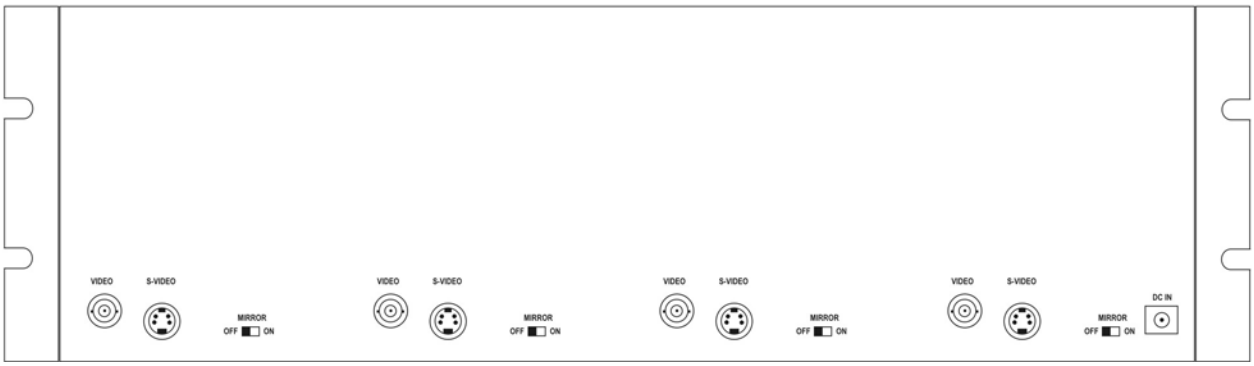
Panel Drawings

LM-682R



LM-563R





LM-404R