



Industrial LCD Monitor - Close Frame

LM-SV212400 Series



Features:

- Close frame architecture with black cover and bezel
- 12.1" TFT LCD supports 800 x 600 resolutions
- Wide range of operation temperature: -20°C ~ 70°C
- Ultra wide viewing angle: 89 (H & V)
- Ultra high contrast ratio (1,000 : 1)
- Sturdy & Lightweight aluminum chassis
- High performance Genesis LCD controller
- Luminance 450 nits
- Standard RGB signal input interface
- Optional support for DVI & Video interface
- Optional support for touch screen

Specifications:

Signal Input Interface

RGB
DVI (Optional)
RCA_Jack, S_Video (Optional)
YCbCr (Optional)

OSD Control

Auto-detection & Auto-adjustment
Horizontal & Vertical position adjustment
Brightness / Contrast / Hue / Saturation adjustment
Auto color setup and adjustment

Resolution & Display Color

Display Color: 262,144 colors
SVGA 800 x 600 @ 60HZ, 70HZ, 75HZ
VGA 640 x 480 @ 60HZ, 70HZ, 75HZ

Mechanical Characteristic

Dimension (L x W x H): 297.6mm x 219.6mm x 53.5mm
Weight: TBD
Color: Black and original aluminum

Power

Power Adapter: 60W
AC Input Voltage: 90VAC to 264VAC
AC Input Frequency: 50/60 HZ
Max. Load Current: 5A

Architecture

Aluminum chassis
Standard VESA mounting holes (75 / 100mm)
Four versatile mounting brackets

Panel Specifications

Item	Specification	Unit	
1	Diagonal Size	12.1	inch
2	Active Area	246.0(H) x 184.5(V)	mm
3	Bezel Opening Area	249.0(H) x 185.0(V)	mm
4	Driver Element	a-si TFT active matrix	-
5	Pixel Number	800 x R.G.B. x 600	pixel
6	Pixel Pitch	0.3075(H) x 0.3075(V)	mm
7	Display Color	262, 144	color
8	Center Luminance of White	450	nit
9	Contrast Ratio	1,000	-
10	Response Time	TR=13, TF=12	ms
11	Viewing Angle	89 (H & V)	degree
12	Backlight MTBF	50,000	hour
13	Panel Type	TFT Active	-
14	Storage Temperature	-20 ~ 80	°C
15	Operation Temperature	-20 ~ 70	°C

Ordering Information:

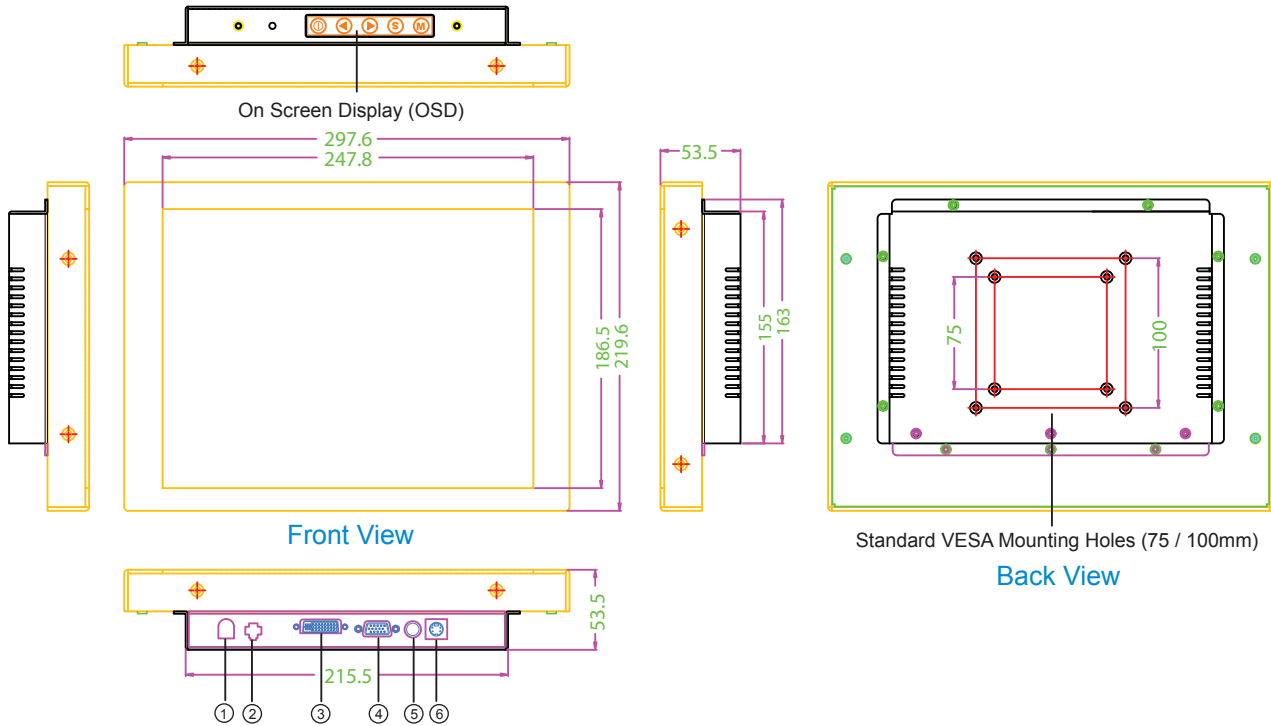
Model Number	Type	Brightness (nit)	Interface	Touch Screen	Touch Interface
LM-SV212400	Close frame	450	RGB	N/A	N/A
LM-SV212420	Close frame	450	RGB, DVI	N/A	N/A
LM-SV212450	Close frame	450	RGB, DVI, Composite, S_Video	N/A	N/A
LMS-SV212401	Close frame	450	RGB	5-Wire R_Touch	USB
LMS-SV212421	Close frame	450	RGB, DVI	5-Wire R_Touch	USB
LMS-SV212451	Close frame	450	RGB, DVI, Composite, S_Video	5-Wire R_Touch	USB

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Dimension:

297.6mm x 219.6mm x 53.5mm (L x W x H)



① Touch Screen Connector ② Power Connector ③ DVI Connector ④ Analog R.G.B. Signals Input ⑤ RCA Jack ⑥ S_Video Signal Input

- LM-V214400: ② ④
 LM-V214420: ② ③ ④
 LM-V214450: ② ③ ④ ⑤ ⑥
 LMS-V214401: ① ② ④
 LMS-V214421: ① ② ③ ④
 LMS-V214451: ① ② ③ ④ ⑤ ⑥

Optional Touch Screen

Model Type	Size	Input Mode	Transparency	Durability
Resistive 5-Wire Touch Screen - TR5 Series	5.7" ~ 19"	Stylus or Finger	≥ 80%	Panel knock test: 35,000,000 times
Capacitive 5-Wire Touch Screen - TC5 Series	7.1" ~ 20.1"	Finger	> 90%	Panel knock test: 20,000,000 times

Optional Accessories

- AR-WM110151 - Wall mount bracket
- AR-WM450121 - Single monitor arm
- AR-DC484121 - LCD desk arm
- AR-DC715102 - LCD dual multiple monitor arm
- AR-PM507101 - Gas type LCD monitor arm
- AR-PC400101C - Clamp gas type arm