



Industrial LCD Monitor - Close Frame

LM-V210400 Series



Features:

- Close frame architecture with black cover and bezel
- 10.4" TFT LCD supports 640 x 480 resolutions
- Wide range of operation temperature: -10°C ~ 70°C
- Ultra wide viewing angle: 88 (H & V)
- Ultra high contrast ratio (1,500 : 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 Colors: 262,144 colors
VGA 640 x 480 @ 60HZ, 70HZ, 75HZ

Mechanical Characteristic

Dimension (L x W x H): 260.3mm x 198.6mm x 47.5mm
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	10.4	inch
2	Active Area	211.2(H) x 158.4(V)	mm
3	Bezel Opening Area	215.4(H) x 161.8(V)	mm
4	Driver Element	a-si TFT active matrix	-
5	Pixel Number	640 x R.G.B. x 480	pixel
6	Pixel Pitch	0.33(H) x 0.33(V)	mm
7	Display Color	262, 144	color
8	Center Luminance of White	450	nit
9	Contrast Ratio	1,500	-
10	Response Time	TR=14, TF=9	ms
11	Viewing Angle	88 (H & V)	degree
12	Backlight MTBF	50,000	hour
13	Panel Type	TFT Active	-
14	Storage Temperature	-20 ~ 80	°C
15	Operation Temperature	-10 ~ 70	°C

Ordering Information:

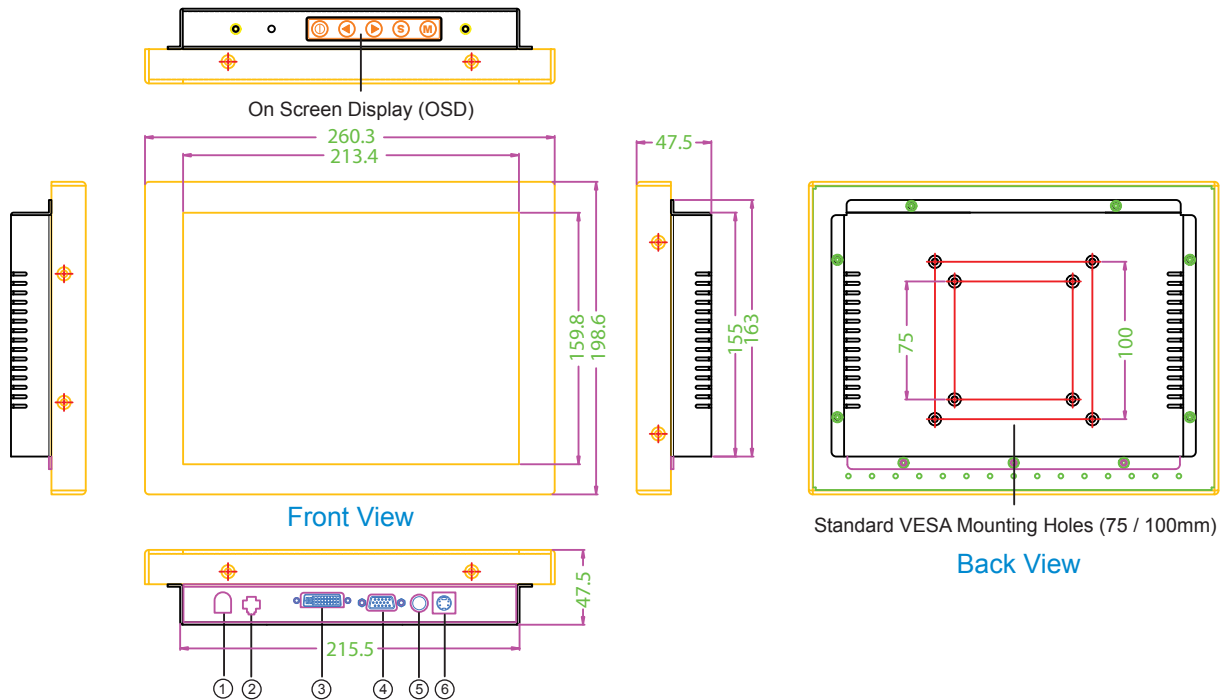
Model Number	Type	Brightness (nit)	Interface	Touch Screen	Touch Interface
LM-V210400	Close frame	450	RGB	N/A	N/A
LM-V210420	Close frame	450	RGB, DVI	N/A	N/A
LM-V210450	Close frame	450	RGB, DVI, Composite, S_Video	N/A	N/A
LMS-V210401	Close frame	450	RGB	5-Wire R_Touch	USB
LMS-V210421	Close frame	450	RGB, DVI	5-Wire R_Touch	USB
LMS-V210451	Close frame	450	RGB, DVI, Composite, S_Video	5-Wire R_Touch	USB

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Dimension:

260.3mm x 198.6mm x 47.5mm (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-V210400: ② ④

LM-V210420: ② ③ ④

LM-V210450: ② ③ ④ ⑤ ⑥

LMS-V210401: ① ② ④

LMS-V210421: ① ② ③ ④

LMS-V210451: ① ② ③ ④ ⑤ ⑥

Optional Touch Screen

Model Type	Size	Input Mode	Transparence	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