



Industrial Multi-Media LCD Monitor - Close Frame

MD-SV412400



Features:

- 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)
- High performance Genesis LCD controller
- Luminance 450 nits
- Standard RGB signal input interface
- Optional support for two audio speakers
- Optional support for DVI & Video interface
- Optional support for touch screen

Specifications:

Signal Input Interface

- RGB
- Audio (Optional)
- 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

Audio Output Characteristic (Optional)

- Impedance: 8 ohm ± 15% at 1.5KHZ
- Max. Input Power: 3.0 W
- Frequency Range: Fo – 9KHZ
- Sensitivity (S.P.L.): 77dB (W/m) ± 3 dB at AVE 1.0KHZ, 1.2KHZ, 1.6KHZ, 2.0KHZ

Touch Screen Characteristic (Optional)

- Five Wire Analog Resistive Touch Screen
- Five Wire Analog Capacitive Touch Screen
- SAW Touch Screen

Mechanical Characteristic

- Dimension (L x W x H): TBD
- Weight: TBD
- Color: Black

Power

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

Architecture

- SECC steel
- Standard VESA mounting holes (75/100 mm)

Panel Specification

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 187.5(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	View 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