



Industrial LCD Monitor - Smart Monitor

SM-SV312400 Series



Features:

- Ultra thin and compact architecture
- 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

Specifications:

Signal Input Interface

RGB

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): TBD
Weight: TBD
Color: Zinc coating

Power (Optional)

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

Architecture

SECC steel (Optional for aluminum)
Standard VESA mounting holes (75 / 100mm)

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 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	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
SM-SV312400	Ultra thin	450	RGB	N/A	N/A