



Industrial LCD Monitor - Smart Display

SD-SX319300 Series



Features:

- 19.0" TFT LCD supports 1280 x 1024 resolutions
- Wide viewing angle: 75/70 (H & V)
- High contrast ratio (700 : 1)
- High performance Genesis LCD controller
- Luminance 300 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: 16.2 M colors
SXGA 1280 x 1024 @ 60HZ, 70HZ, 75HZ
XGA 1024 x 768 @ 60HZ, 70HZ, 75HZ
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

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)
Four versatile mounting brackets

Panel Specifications

Item	Specification	Unit	
1	Diagonal Size	19.0	inch
2	Active Area	376.32(H) x 301.056(V)	mm
3	Bezel Opening Area	380.2(H) x 305(V)	mm
4	Driver Element	a-si TFT active matrix	-
5	Pixel Number	1280 x R.G.B. x 1024	pixel
6	Pixel Pitch	0.294(H) x 0.294(V)	mm
7	Display Color	16.2M	color
8	Center Luminance of White	300	nit
9	Contrast Ratio	700	-
10	Response Time	TR=2, TF=6	ms
11	Viewing Angle	75/70 (H & V)	degree
12	Backlight MTBF	40,000	hour
13	Panel Type	TFT Active	-
14	Storage Temperature	-20 ~ 60	°C
15	Operation Temperature	0 ~ 50	°C

Ordering Information:

Model Number	Type	Brightness (nit)	Interface	Touch Screen	Touch Interface
SD-SX319300	Open frame	300	RGB	N/A	N/A
SD-SX319320	Open frame	300	RGB, DVI	N/A	N/A
SD-SX319350	Open frame	300	RGB, DVI, Composite, S_Video	N/A	N/A
SDS-SX319301	Open frame	300	RGB	5-Wire R_Touch	USB
SDS-SX319321	Open frame	300	RGB, DVI	5-Wire R_Touch	USB
SDS-SX319351	Open frame	300	RGB, DVI, Composite, S_Video	5-Wire R_Touch	USB