



Industrial LCD Monitor - Smart Display

SD-X315400 Series



Features:

- 15.0" TFT LCD supports 1024 x 768 resolutions
- Wide viewing angle: H=70; V=65
- Wide range of operation temperature: 0°C ~ 60°C
- High contrast ratio (700 : 1)
- High performance Genesis LCD controller
- Luminance 350 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, 194, 277 colors
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	15.0	inch
2	Active Area	304.128(H) x 228.096(V)	mm
3	Bezel Opening Area	307.4(H) x 231.3(V)	mm
4	Driver Element	a-si TFT active matrix	-
5	Pixel Number	1024 x R.G.B. x 768	pixel
6	Pixel Pitch	0.297(H) x 0.297(W)	mm
7	Display Color	16,194, 277	color
8	Center Luminance of White	350	nit
9	Contrast Ratio	700	-
10	Response Time	TR=5.7, TF=2.3	ms
11	Viewing Angle	H=70; V=65	degree
12	Backlight MTBF	50,000	hour
13	Panel Type	TFT Active	-
14	Storage Temperature	-20 ~ 65	°C
15	Operation Temperature	0 ~ 60	°C

Ordering Information:

Model Number	Type	Brightness (nit)	Interface	Touch Screen	Touch Interface
SD-X315400	Open frame	350	RGB	N/A	N/A
SD-X315420	Open frame	350	RGB, DVI	N/A	N/A
SD-X315450	Open frame	350	RGB, DVI, Composite, S_Video	N/A	N/A
SDS-X315401	Open frame	350	RGB	5-Wire R_Touch	USB
SDS-X315421	Open frame	350	RGB, DVI	5-Wire R_Touch	USB
SDS-X315451	Open frame	350	RGB, DVI, Composite, S_Video	5-Wire R_Touch	USB