

19" Semi-Outdoor LCD S1900

SunTronic's S Series is for Semi-outdoor location where without any direct sunlight.

S Series includes with an Rugged Stainless Steel NEMA4X/IP66 Completely Sealed Dust and Water Proof and latest LED highbrightness technology brightness up to 1000nits.

Making it viable for a range of industrial including in-factory, outdoor Avionics, Military, Marine, Mining, Industrial as well as, commercial applications such as amusement parks, zoos,ski resorts, super yacht TV, luxury yacht TV, Boat Televisions, Cruise ship TV and clubs.



S Series

Features Highlight:

- High Brightness LED Backlight LCD
- Stainless Steel Enclosure IP66 Anti-Water and Anti-Dust proof
NEMA4/IP66 Enclosures Operating Temperature -40°C to 50°C
- Improved Resistance to Corrosion
- Wide Operational Temp Range
- Auto-brightness sensor offers application in day and night.
- Optional to built-in touch screen for interactive application.
- Optional to optical bonding lower reflection
- Optional for DC 9-36V input
- Optional for RS232 remote control

Technical specifications

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating	
	Aspect Ratio / Size	4:3 / 19" viewable diagonal area	
	Active Area / Pixel Pitch	376.3(H) x 301.1 (V) mm / 0.294(H) x 0.294(V) mm	
	Native Resolution / Colors	1280(H) x 1024(V) / 16.7 Million	
	Brightness / Contrast	1000 cd/m ² (typ) / 800 :1	
	Response Time	^ 5 ms	
	Viewing Angle (typical)	H. 160° (- 80° ~ + 80°) , V. 160°(- 80° ~ + 80°)	
	Light Source	CCFL , Long life, 50,000 hrs (typ)	
Input Sources	PC System	Signal	Analog RGB (0.7/1.0 V _{p-p} , 75 ohms)
		Sync	Separate Sync, Composite Sync, Sync On Green
		Frequency	F _H : 30 - 82Khz , F _V : 50 -75Hz
	Audio System	2W speaker x 2	
Input Terminals	1 x VGA (15 Pin Female D-Sub), 1 x PC Audio (Stereo Headphone Jack), 1 x AC Outlet		
Convenient Features	Auto Calibration , Back Light Adjustment, Plug&Play (VESA DDC/CI, DDC 2B)		
	OSD Multi-Languages , Wall Mount Ready (VESA 100 x 100 mm)		
Power	Internal power supply with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz		
Power Consumption	Operation / Power Saving	32 watt, < 2 watt (Support DPMS)	
Operating Condition	Temperature / Humidity	0°C ~ 50°C (32°F ~ 122°F), 10% ~ 90% (no condensation)	
Storage Condition	Temperature / Humidity	- 20°C ~ 60°C (- 4°F ~ 140°F), 10% ~ 90% (no condensation)	
Certification	FCC,CE		
Dimensions	Physical	With Base(W x H x D): TBD	
		Without Base(W x H x D): 468 x 395 x 69 (mm)	
	Carton	Wx H x D = TBD	
Weight	N.W. / G.W.	12.0 Kgs/14.0 Kgs	
Container Loaded	20ft / 40ft / 40ft HQ	816 /1632 / NA (Sets , By pallet)	

Options	Touch	Video / TV	Enhanced Panel	Others
	Resistive touch	SV + AV	Panel with LED backlight	Digital Signage(Stand alone)
	Capacitive touch	SV + AV + AV_Looping	High brightness panel	Networking Digital Signage
	SAW touch	SV + AV + TV	Wide Temperature	Motion Sensor
	Infrared touch		Sunlight Readable	Light Sensor
	Protected glass			Auto-Dimming

Mechanical Drawing

