

# Suntronic's Direct Sunlight Outdoor LCD

Fully work under direct sunlight 46" LCD (High Tni Panel Enhancement to prevent isotropic blackout under direct Sun up to 110°C/230°F) Water/Dust/Rain Proof 1500nits Daylight Readable Rugged LCD 5°F to 140°F/-15°C to 60°C



## U4600P1

### FEATURES:

- 1500nits Completely Sunlight Viewable  
IP65/NEMA4 Vandal Resistant Enclosures (5 sides)
- (High Tni Panel Enhancement to prevent isotropic blackout under direct Sun up to 110°C/230°F)
- Circular polarized light enable through polarized sunglasses
- Built-in Waterproof Speakers 10Watts x 2
- Air Curtain cooling design and Automatic Thermostatic cut off.
- Optional Integrated Touch screen, Computer, Heater, Portrait mode and CAT5 Video Extender

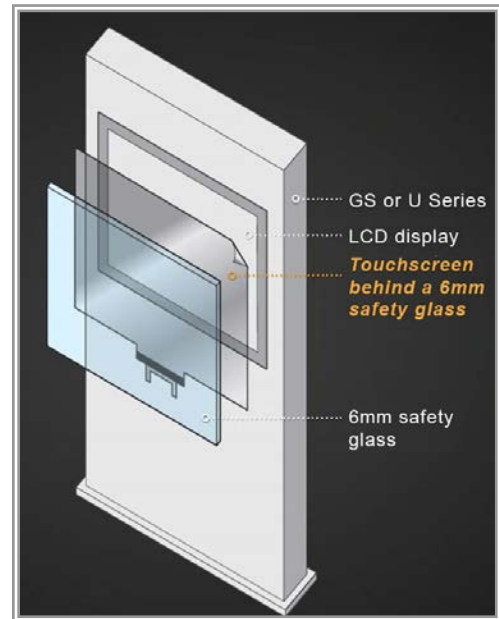
### SPECIFICATIONS:

**Display Size:** 46 Inch TFT-LCD  
**Resolution Capabilities:** 1920 x 1080 Full HD  
**Frame Rate:** 60Hz  
**Response Time:** 8ms typical  
**Viewing Angle:** 178°/178°  
**Contrast Ratio:** 4000 :1  
**Brightness:** 1500 cd/m<sup>2</sup>, Completely Daylight Viewable  
**Orientation:** Landscape Mode  
**Backlight:** 60,000 Hours Typical  
**Colors Supported:** 10bit 1.07 Billion  
**Interface:** VGA, HDMI , Min Display Port  
**Audio Out:** 3.5mm Audio output  
**Speaker:** Included 10Watts x 2  
**Power Source:** 100-120VAC 50/60Hz  
**Power Consumption:** 245Watts (with heater 345 Watts)  
**Temperature:** **Operating: -15° to 60°C (5F to 140F)**  
 (Optional heater reach to -22F/-30C)  
**Storage:** -30° to 60°C  
**Humidity:** Operating: 5 to 90% NC Storage: 5 to 95% NC  
**Operating Time** 24/7/365  
**Dimensions:** 46" (w) x 29" (h) x 7" (d)  
**Weight (Without Stand)** 99lbs /45kg  
**IP Rating:** Enclosures IP65/NEMA4 (Except Bottom is IP54)  
**RS232:** Control via command code (Optional)  
**VESA Mount:** 600 x 300/ 400

### GS and U Series Touch screen Options

Laminate the touch foil behind a safety glass the glass and integrate into our GS or U Series.

Fitting behind the glass to create a vandal and weather proof touch solution. Ideal for outside enclosures.



**Glass:** 6mm laminated Safety AR coating  
**Auto Power On/Off:** Yes  
**Auto Signal On/Off:** Yes  
**Options:** IR Touch screen/ Projective Capacitive Touch/ Wide Temp PC/ CAT5 Video Extender/portrait mode/Stainless steel Enclosures  
**Life time** Life time 60K hours, operating Time 20 hours/Per day, Shock 30G / Anti Shock 35G XYZ , Anti-Vibration 1G (10-300Hz)  
**Anti Shock/ Anti Vibration**  
**Warranty:** **Return to Depot Warranty 1 year**

**\*\*Remarks: L for Landscape and P for portrait**



#### High Quality Parts

Our company uses only the best, using only High Quality parts along with components in USA or imported from Korea, Taiwan and Germany, for quality that you can trust!



#### Customer Service

Our customer service reps are here to help you with your Outdoor LCD sign. From general questions to technical support, we leave you feeling completely satisfied.

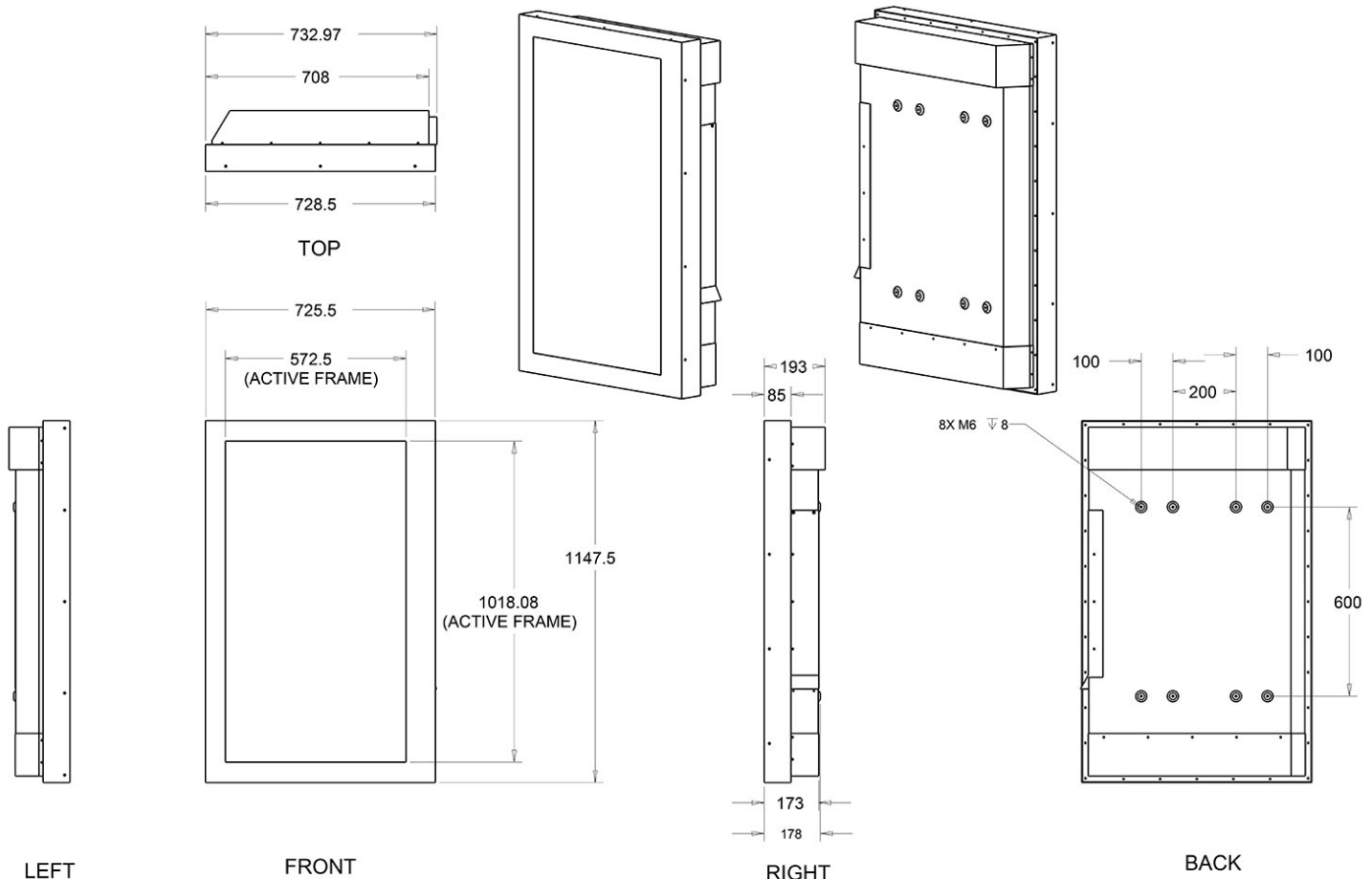


#### US Manufactured

Our Outdoor LCD Signs are assembled, tested and shipped from our very own factory in USA, giving us the ability to customize signs to your needs.



# MECHANICAL DRAWING:



Responsible dept. Engineering	Technical reference Alan Chung	Created by Ray F. Arcena Jr.	Approved by Alan Chung	UNIT mm
		Document Type Overall Dimension	Document status Released	
		Title. Supplementary title U4600P	U4600P	
		Rev. A	Date of Issue Jun-05-13	Sheet 1/1



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