

Suntronic's Outdoor LCD

Perfect Outdoor Display Board

for Ski Racing Timing Solutions and for other sport such as Cycling, House Racing, Auto Car Racing and Swimming

**All Weather Proof Direct Sunlight
-40°F to 120°F Solutions**

OVERVIEW

Suntronic's GS product line, featuring innovative All-Weather Sunlight Readable LCD technology, provides the highest-quality Sunlight Readable image available in Out Door Environment. These Industrial grade Outdoor displays have the exemplary resolution and brightness you've come to expect from Suntronic. GS technology delivers stunning images for use in applications such as: Digital Signage, Ski Resorts, Retail/ Restaurants, Golf Course, Gas Stations, Shopping Malls, Restaurants and Outdoor

WHY SUNTRONIC'S GS OUTDOOR LCD?

- ❖ All in one outdoor High Brightness All Weather outdoor LCD - Complete solution protect sunlight readable LCD in IP65/NEMA enclosures
- ❖ Outdoor use under direct Sunlight – Unique built in air conditioner design to keep unit working even in extreme conditions
- ❖ Touchscreen and Computer: Optional integration of Touch screen and PC capability
- ❖ Warranty: Backed by our WARRANTY and excellent customer service.

FEATURES AND BENIFITS

High Brightness & High Contrast LCD: Offers superior readability under sunlight. High Brightness and contrast ratio assure excellent visibility even in bright outdoor environments.

Auto Power on and Video signal on/off: The LCD is always on whenever there is a power, this functionality eliminates the need to manual turn on the LCD. Also, you can control the LCD backlight on/off by video signal. LCD backlight will shut down when no video signal, but LCD backlight will wake up when the video signal is back on.

Safety AR/ Solar Blocking Glass:

Vandal Resistant AR Glass decreased reflection makes image crystal clear, and they produce less glare. Also Block direct solar heat provide protection from UV rays.

Front Removable Glass: Makes easier to remove and replace glass when it is damaged or scratched.

Slick & Slim Bezel: Ultra-thin bezel LCD Media Video wall system that delivers outstanding visual performance for Video Wall Tiling.

Powder Coated Finish – Epoxy polyester paint is electrostatically applied across the entire unit then oven baked to provide a smooth textured finish that is ideal for wet and corrosive environments – adheres to IP65 & NEMA 4



Air conditioning & Heater – For use in extreme temperatures, GS built in air conditioning inside the completely sealed NEMA4/IP65 Enclosures providing a perfectly sealed environment that is the optimum condition for the Operating

IP65/NEMA4X Vandal Resistant Enclosures: will stand up to harsh, wet and dirty environments, Falling dirt, rain, sleet, snow, windblown dust, external ice formation, splashing water, hose-directed water

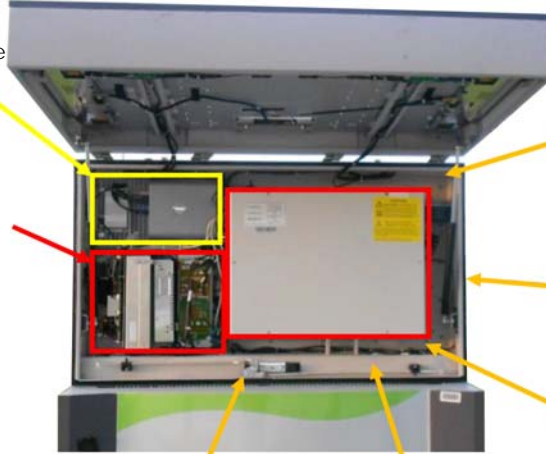
Flexible Mounting Options – Provide mounting M12 holes at the top, bottom and sides for different mounting application either wall mount, pole mount, ceiling mount where you will find GS will be user friendly to work with for

Air Curtain – a flow of air is constantly carried across the front between the glass and LCD. An air curtain prevents any damage to the screen caused by heat buildup in high temperatures or by continual direct sunlight. In colder

FEATURES AND BENIFITS

Extra Interior Space– To provide easier access and spacious for integrating single board PCs, digital media players, Cellular modem, CAT extender, Fiber optical extender.

Modular Design – Easy to remove and replace on major Modular Design electronic component and Air conditioner for saving time on troubling shooting and lower cost for field Service.



Automatic Thermostatic Cut Off – Automatic thermostat cut-off that will turn off the screen in excessively high temperatures to prevent screen damage - Ideal for areas where such extreme temperatures

Closed Cell gasket –Creates a waterproof and dustproof seal when the enclosure is closed preventing any ingress of water or moisture, as well as pass a hose-down test. – adheres to IP65 and

25 mm insulation – a 25 mm layer of closed-cell foam that contains a low-conductivity gas which is added to Suntronic enclosures that are bound for colder conditions. This reduces heat-loss and prevents ice crystals from forming inside the enclosure allowing the screen to be used in temperatures as low as -40F

KeyLock: Ensure the security of the enclosures for unwanted access

Built-in Waterproof Speakers –2 set of 5 Watts waterproof speakers enable sound to be integrated into the GS give you further levels of customer interactivity.

SPECIFICATION

Size	46"
Active area size (WxH)	(1018.4 x 572.5)
Panel resolution (pixels)	1920 x 1080
Luminance of white (Brightness)	1500 nits (Typ)
Contrast ratio	3000:1
Response time (gtg)	8 ms (Typ)
Viewing angle	89/89/89/89
Video inputs	VGA+HDMI
Auto Brightness Control	Yes (Optional)
Front glass type	AR Safety 6mm glass
IP Class	IP65/NEMA 4 Enclosures
Operating temperature range	-4°F to + 120°F
Storage Temperature	0 to 50C
Input voltage	110V
Weight	70kg/195lbs
External dimensions (W x H x D)	1056 W x 610 H x 249 D mm
Available Accessories	Integrated PC, Touchscreen, Integrated CAT5/Fiber Optics VGA/DVI Extenders, Custom Embedded PCs and Wireless, Serial RS232 Input, Screen Sensor/Environmental Sensors, Auto Brightness Control Sensor, IR Remote Control and VGA cable (included)and Ethernet Cable (not included)

****Do not face East or West if Max Ambient temperature might exceed 100°F**



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 LCD sign. From general questions to technical support, we leave you feeling completely satisfied.



US Manufactured

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

WHO IS USING SUNTRONIC?



HITACHI



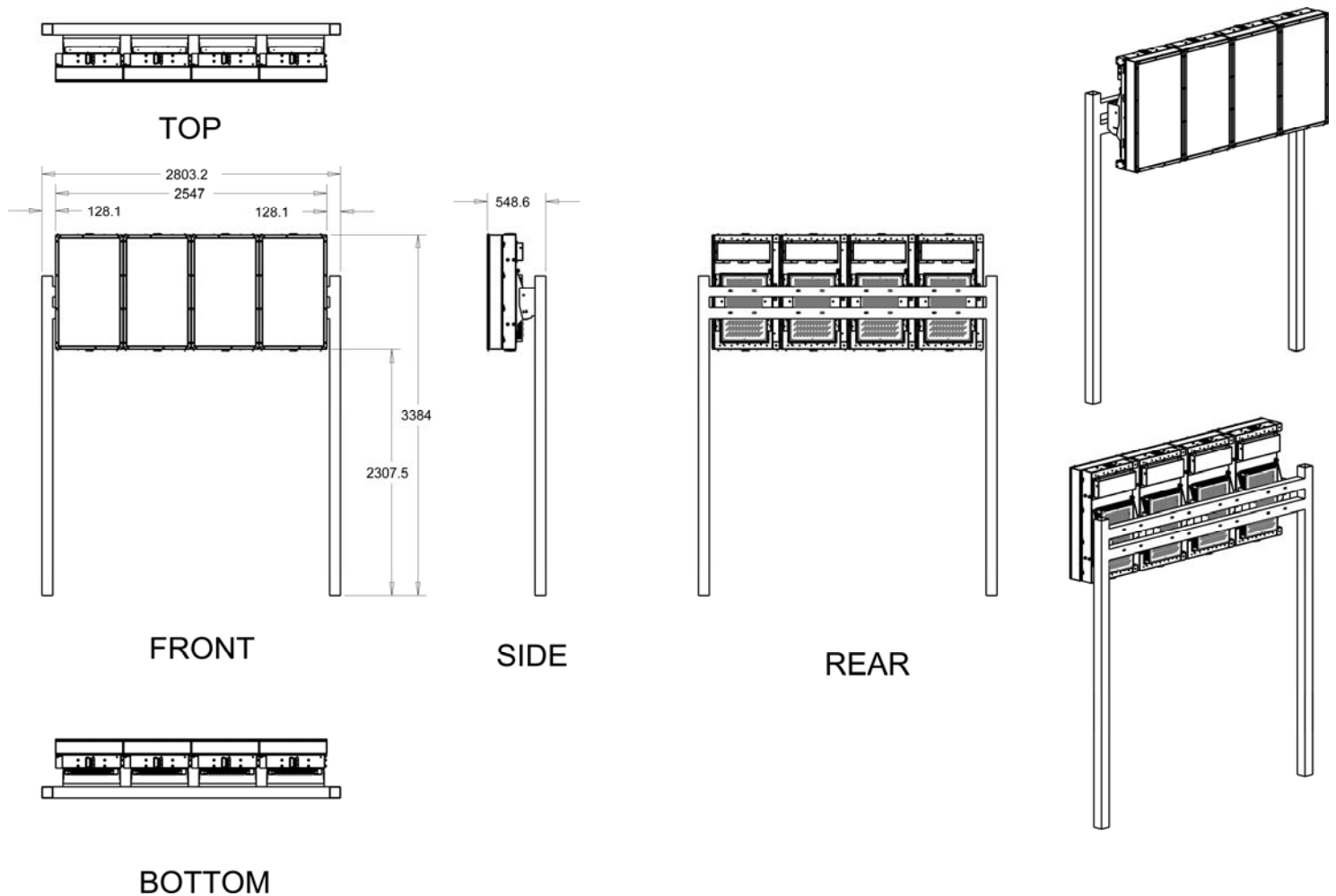
THALES



CedarPoint



MECHANICAL DRAWINGS



NEMA4
IP65



TEMP
-40F~122F



HIGH
BRIGHTNESS
1500nits



HEATER



DIRECT
SUNLIGHT

