

15.0" Sunlight Infinity Display

Electrical Description

Display Characteristics:

Type: 15.0" Active Matrix TFT
Dot Number: 1024 x 768 Pixels
Dot Pitch: 0.297mm
Response Time: 20ms Average- Typical
Contrast Ratio: 300:1 Min.
Brightness / Light Intensity: Enhanced to 1200cd/m² (Nits)- Typical
Viewing Angles (at CR>10): 70° Left/Right, 60° Up & 65° Down
Backlight Life: 25,000 Hours- Typical
Colour Depth: 16.7 Million (Depending on Graphics Card)

Dimming Circuit:

Range: Full on to Black

Analog RGB Input:

Analog Interface: 75 Hz Maximum Analog Bandwidth
0.5V to 1.0V Analog Input Range
Sync-on-Green (-ve) 0.3V

Synchronisation Range:

Horizontal Scan: 31.469-60.023kHz*
Vertical Scan: 56.25-75.029 Hz*

**Depending on resolution*

Resolutions:

VESA Support for: 1024 x 768 XGA*
800 x 600 SVGA
640 x 480 VGA

**Recommended for optimised resolution*

Active Display Area:

Active Display Area: 304.4 mm x 228.6 mm

Input Voltage:

DC Input: 12.1V DC Regulated
Via external power supply - Refer to ordering codes...

Power Consumption:

3.4 A (43 W) Max.

Environmental:

*Operating Temp: 32 to +131°F / 0 to +55°C
Storage Temp: -4 to +140°F / -20 to +61°C
Operating Humidity: 30% to 90% (Non-Condensing)
Storage Humidity: 10% to 90% (Non-Condensing)
Shock: 10g, 11msec ½ Sine Wave
Vibration: +/-1mm, 2 to 13Hz:0.7g 13 to 100Hz

**We DO NOT recommend routine operation @ extreme temperatures.*

Mechanical Description

Construction:

Finish: Gray Fine Textured Semi Gloss
Powder Coat
Housing: Preformed Aluminium
Sealing: Waterproof NEMA 6 / IP67
Toughened Safety Glass : Bonded, Contrast Enhancing,
Optically Coated and Polarized
Ventilation: Convection

Mounting Style:

Surface (mm): Surface Mounted with 1 23/32" (43.66)
Protruding and Fastened with 4
Mounting Studs
Panel Cut-Out Size (mm): 13 9/16" (344.49) x 10 7/16" (265.11)

Dimensions:

15 3/8" (390.53) W x
Display: 11 23/32" (297.66) H x
2 63/64" (75.80) D

Weight:

Weight (kg): 10.2 lbs (4.7)

Input Connectors: (rated @ NEMA 6 / IP67)

RGB Signal: 15 Pin Male Connector
Power: 2 Pin Male Circular

Menu Controls:

Via Front Mounted Buttons: OSD Picture Features:
Size, Position, Colour & Auto-Tune

Approvals / Warranty

Compliance: CE; CISPR22 / EN 55022
FCC Part 15 Section 15.109

Limited Warranty: 2 Year

Ordering Codes

Configuration:

15.0" Sunlight Display: 18-1510
Please select external power supply from list below...

External Power Supply:

External 115/230V: 00-0301
External 12V DC: 00-0302
External 24V DC: 00-0303

Shipping:

Carton Size (cm): 21" (53) W x 20" (51) H x 10" (25) D
Weight (kg): 26.0 lbs (12)

Canadian
Headquarters: **Nauticomp Inc.**
8 Callaghan Road
Lindsay, Ontario,
Canada, K9V 4R4.
p: +1 705-328-2992
f: +1 705-328-2990

United Kingdom: **Nauticomp European Distribution**
CA Clase
2 Mornington Place, Waterberry Drive,
Waterlooville, Hants, PO7 7XX
p: +44 2392 247920
f: +44 2392 261959

United States: **Nauticomp International**
1200 NE 7th Avenue
Fort Lauderdale, Florida
United States 33304.
p: +1 954 235 4875
f: +1 705-328-2990

URL: www.nauticomp.com E-Mail: sales@nauticomp.com

Due to a policy of continuous product development NAUTICOMP reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged.

Due to a policy of continuous product development NAUTICOMP reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged.