

Reference: 18-1510 Technical Data Sheet Rev 4

Date: Nov 25th 2009

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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 1/2 Sine Wave

Vibration: +/-1mm, 2 to 13Hz:0.7g 13 to 100Hz *We DO NOT recommend routine operation @ extreme temperatures.

Mechanical Description

Construction:

Gray Fine Textured Semi Gloss Finish:

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:

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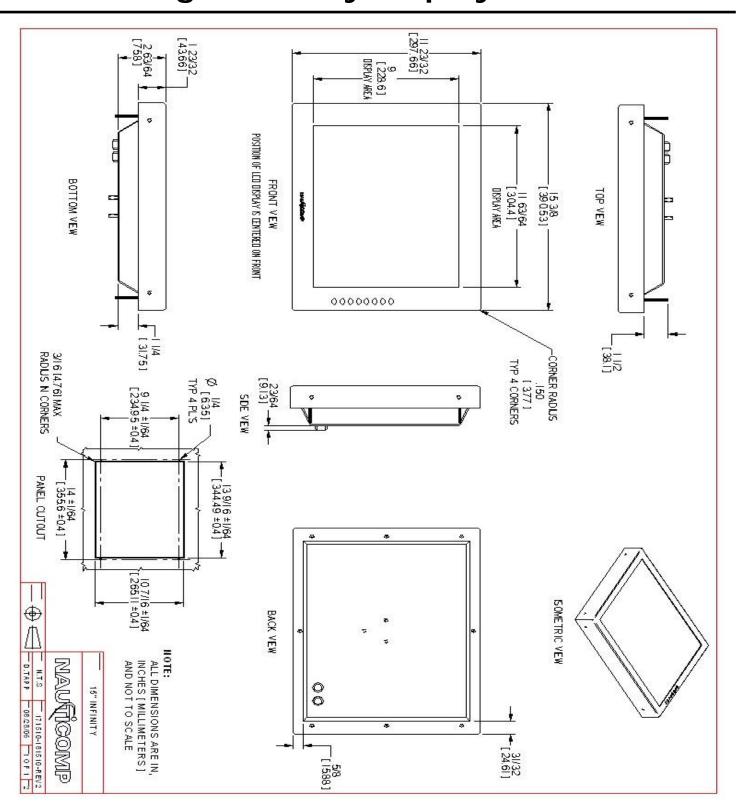


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