15.0” Genesis Series Display

Electrical Description

Display Characteristics:

Type:	15.0” Active Matrix TFT
Dot Number:	1024 x 768 Pixels
Dot Pitch:	0.297mm
Response Time:	25ms Average– Typical
Contrast Ratio:	700:1 Typical
Brightness/Light Intensity:	750 cd/m² (Enhanced for Sunlight Readability)
Viewing Angles (at CR>10):	80° Left/Right, 80° Up/ Down
Backlight Life:	50,000 Hours- Typical
Colour Depth:	16.7 Million (Depending on Graphics Card)

Dimming Circuit:

Range: Full Brightness to Black with “Dim to Red” at any level

DVI-D Input:

Digital Interface: DVI 1.0 Compatible Interface 85Hz Operation

Analog RGB Input:

Analog Interface: 85 Hz Maximum Analog Bandwidth
0.5V to 1.0V Analog Input Range
Sync-on-Green (-ve) 0.3V

Synchronisation Range:

Horizontal Scan:	31.469-79.976 kHz*
Vertical Scan:	56-87 Hz*

**Depending on resolution*

Resolutions:

VESA Support for: 1280 x 1024 SXGA
1024 x 768 XGA*
800 x 600 SVGA
640 x 480 VGA

**Recommended for optimised resolution*

Active Display Area:

Active Display Area: 304.128 mm x 228.096 mm

Input Voltage:

DC Input: 12.1V DC Regulated

Via external power supply - Refer to ordering codes...

Power Consumption:

1.5 A (18 W) Max.

Environmental:

*Operating Temp:	-4 to +158°F / -20 to +70°C
Storage Temp:	-13 to +167°F / -25 to +75 °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:	Black 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 w/1.275” (32.39) Protruding and Fastened with 4 Mounting Studs
Panel Cut-Out Size (mm):	12.795” (324.99) W X 9.509” (241.53) H

Dimensions:

Display (mm): 15.047” (391.34) W x 10.806” (274.48) H x 2.906” (73.80) D

Weight:

Weight (kg): 10 lbs (4.6)

Input Connectors: (rated @ NEMA 6 / IP67)

RGB Signal:	15 Pin Male Circular Connector
DVI Signal:	19 Pin Male Circular Connector
Power:	2 Pin Male Circular Connector

Menu Controls:

Via Front Mounted Buttons: OSD Picture Features: Size, Position, Colour and Input Selection

Approvals / Warranty

Compliance (Pending): CE:IEC60945/ CISPR22 / EN 55022 FCC Part 15 Section 15.109

Limited Warranty: 2 Year

Ordering Codes

Configuration:

15.0” Genesis Series Display: 24-1510LED

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 lbs (12)

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

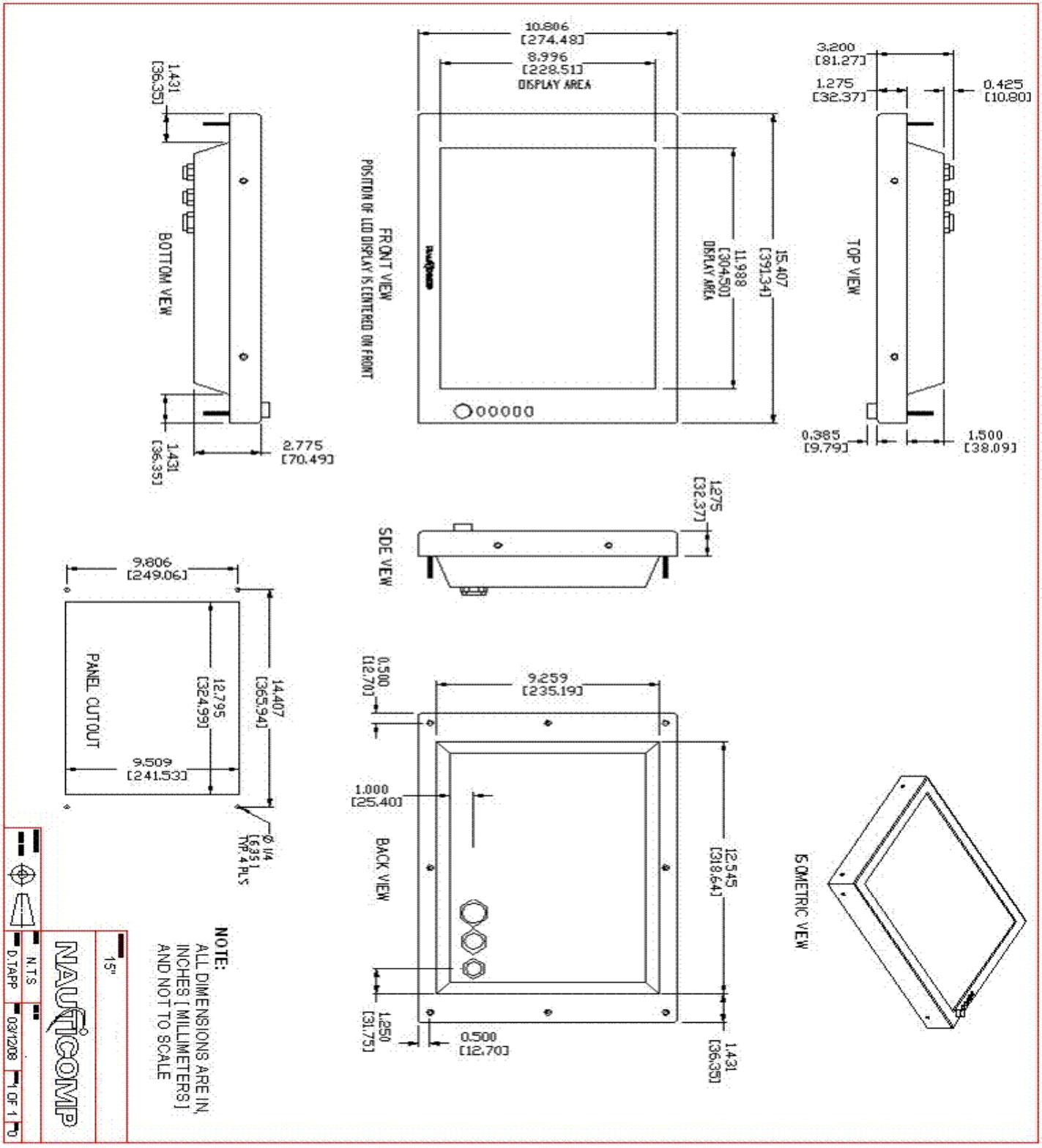
United Kingdom:
Nauticomp European Distribution
CA Clase
2 Mornington Place, Waterberry Drive,
Waterlooville, Hants, PO7 7XX
p:+44 2392 247920
f: +44 2392 261959

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.

15.0” Genesis Series Display



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.