15” Centric GB Display

Electrical Description

Display Characteristics:

Type:	15.0” Active Matrix TFT
Dot Number:	1024 x 768 Pixels
Dot Pitch:	0.297mm
Active Display Area:	304.1 mm x 228.1 mm
Response Time:	25ms Average– Typical
Contrast Ratio:	450:1 Typical
Brightness/Light Intensity:	450 cd/m² (Nits) - Typical
Viewing Angles L/R/U/D:	75°/75°/60°/50°
Backlight Life:	50,000 Hours- Typical
Colour Depth:	16.7 Million (Depending on Graphics Card)

Dimming:

Range: 0-100% (Dimming Ratio 1000:1)

DVI-I Input:

Digital Interface: DVI 1.0 Compatible Interface
85Hz Operation

VGA Input:

Analog:	RGB 0.7-1.0V p-p
Impedance:	75 Ohms
Sync. Type/Level:	Sync-on-Green (-ve) 0.3V

Synchronisation Range:

Horizontal Scan:	15-100 kHz
Vertical Scan:	30-100 Hz

Resolutions:

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

Composite Video Input:

Composite Interface: PAL, NTSC, SECAM

Input Voltage:

AC (Auto-Ranging) Input: 115/230V AC +/- 10%

Power Consumption:

AC Supply: 55W

Environmental:

**Operating Temp:	-15 to +55°C (IEC 60945)
Storage Temp:	-25 to +70°C
Operating Humidity:	30% to 90% (Non-Condensing)
Storage Humidity:	10% to 90% (Non-Condensing)
Vibration:	+/-1mm, 2 to 13Hz:0.7g 13 to 100Hz

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

Mechanical Description

Construction:

Finish:	Front Bezel - Bonded Glass Rear Housing - Modular Metal Construction
Housing:	Chemically Treated Metal
Front Sealing:	Front Bezel IP67
Protective Safety Glass:	Conturan Hardend, Laminated & Anti-glare Coated
Ventilation:	Convection (No Fans)

Dimensions:

Display for Flush Mounting (mm):	11.49” (292) H x 14.29” (363) W X 3.05” (77) D
Panel Cut-out (mm):	10.98” (279) H x 13.78” (350) W

Weight:

Weight (kg): 12 lbs (5.4)

Connections:

DVI Signal:	DVI-I Female
VGA Signal:	15-pin Female D-SUB
Composite Signal:	RCA Female Jack
S-Video:	S-Video Socket
Remote Keypad Interface:	25-pin Female D-SUB
RS232 Control:	9-pin Female D-SUB
AC Power:	IEC Inlet

Menu Controls:

Remote Membrane Keypad with Brightness Knob:	Buttons for; Menu and Power. Back-light Bright Potentiometer & AC LED.
Backlight Brightness:	Remote Panel Knob (Potentiometer)

Shipping:

Carton Size (cm):	21” (53) x 20” (51) x 10” (25)
Weight (kg):	26 lbs (12)

Approvals / Warranty

Compliance:

Maritime / Military: IEC 60945 4th Edition. IEC 61174 (ECDIS), IEC 60936 (RADAR) & IEC 60529 (IP). MIL-STD-810F & MIL-STD-901D. IACS e10 (to obtain ABS, BV, CCS, GL, KR,LR, NK, RINA, RS).

Time Approvals: ABS—Pending

Limited Warranty: 2 Year

Ordering Codes

15” Centric GB Display: 23-1510-GB

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

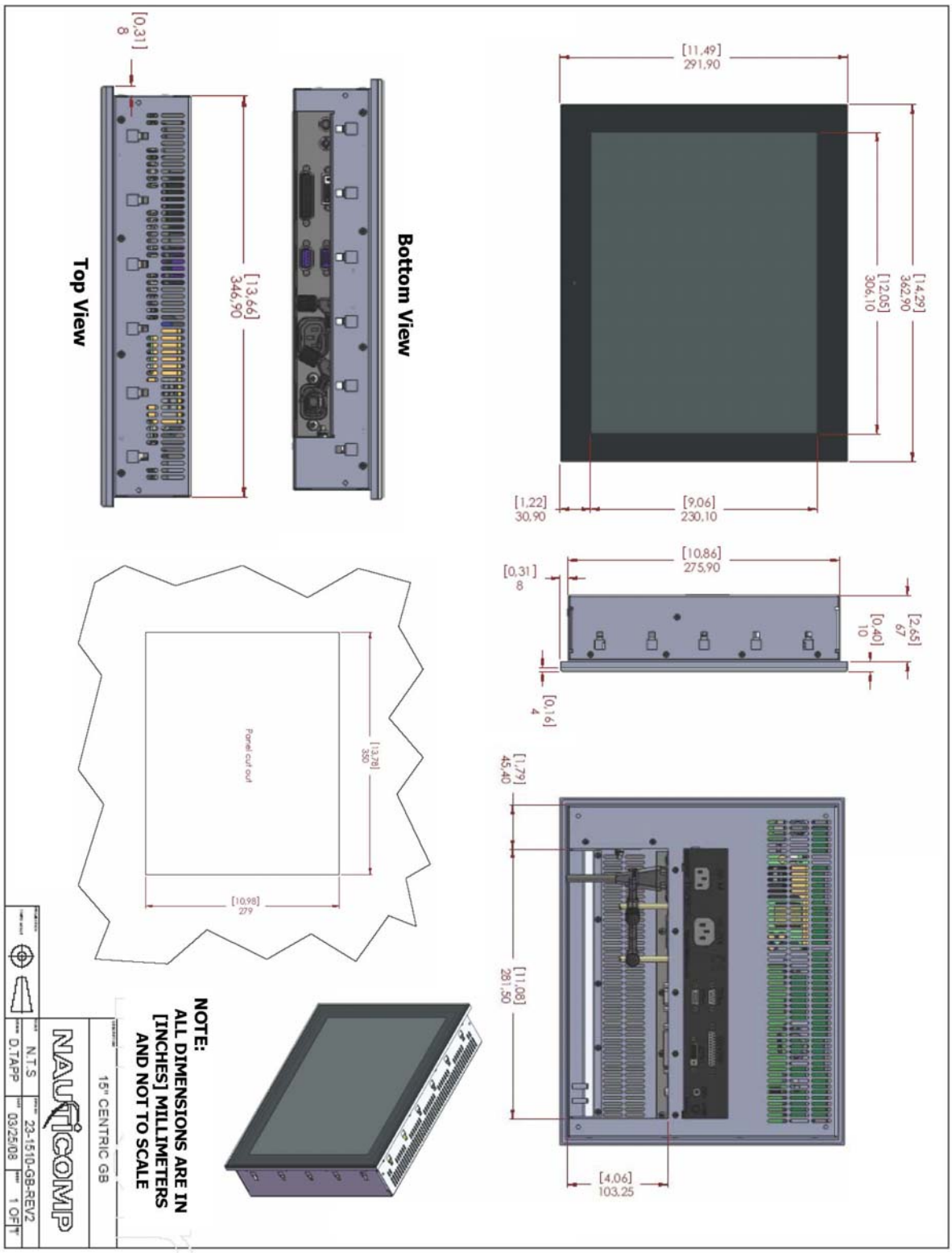
United States:
Nauticomp International
1200 NE 7th Avenue
Fort Lauderdale, Florida
United States 33304.
p: +1 954 235 4875
f: +1 705-328-2990

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.

Measurements—Display

Note: All dimensions are in mm and (inch)



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.