

## 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/m<sup>2</sup> (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  
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 Buttons for; Menu and Power. Back-  
Brightness Knob: 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

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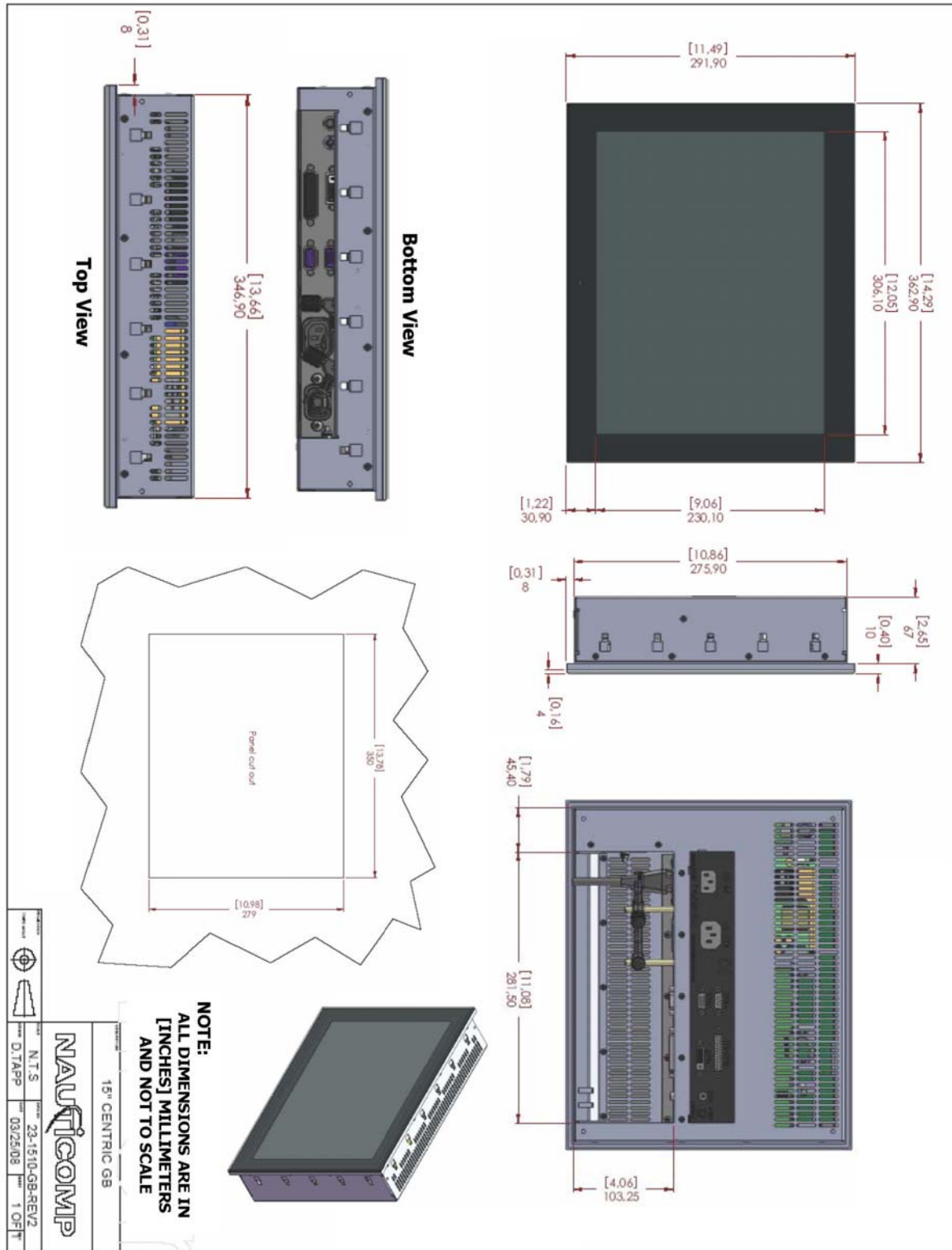
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Due to a policy of continuous product development NAUTICOMP reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged.

## Measurements—Display

Note: All dimensions are in mm and (inch)



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