

15.0" Approved Centric Series Display

ELECTRICAL DESCRIPTION

Display Characteristics:

Type: 15.0" Active Matrix TFT
Dot Number: 1024 x 768 Pixels
Dot Pitch: 0.297 mm
Active Display Area: 304.1 mm x 228.1 mm
Response Time: 19ms Average - Typical
Contrast Ratio: 450:1 Min.
Brightness / Light Intensity: 450 cd/m² (Nits) - Typical
Viewing Angles L/R/U/D: 75°/75°/75°/75°
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
108 MHz 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: 50 - 75 Hz

Resolutions:

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

Composite Video Input:

Input Source: NTSC, PAL, SECAM

Input Voltage:

AC or DC Input: 115V AC +/- 10% or
230V AC +/- 10% (External switch).
24V DC +30% -20%

Power Consumption:

AC Supply: 40W
DC Supply: 35W

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 100 Hz

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

MECHANICAL DESCRIPTION

Construction:

Finish: Front Bezel - Grey RAL 7015
Housing - Grey RAL 7016
Stand & Turntable - Grey RAL 9007
Housing: Aluminium
Front Sealing: Front Bezel IP66. IP67 possible by using optional sealing kit (gasket and grease).
Protective Safety Glass: Flush mounted, Conturan Hardened, Laminated & Anti-glare coated.
Ventilation: Convection (No Fans)

Dimensions:

Display for Flush Mounting (mm): 13.58" (345) H x 15.75" (400) W x 2.76" (70) D
Display + Stand + Turntable (mm): 15.3" (389) H x 16.5" (419) W x 14.9" (378) D
Panel Cut-out (mm): 12.32" (313) H x 14.49" (368) W

Weight:

Display (Kg) : 17.9 lbs (8.1)
Display with Stand & Turntable (Kg): 24 lbs (10.9)

Connections:

DVI Signal: DVI-I Female
VGA Signal: 15-pin Female D-SUB
Composite Signal: RCA Female Jack
S-Video: S-Video Socket
RS232 Control: 9-pin Female D-SUB
AC Power: IEC Inlet
DC Power: Screw Terminal

User Controls:

Front Bezel Membrane Buttons: Lock, -, +, Set, Menu & Power
Front Panel Indicators: AC & DC Power LEDs
Brightness Knob: Potentiometer (1000:1)

Shipping Details:

Carton Size (cm): 20.9" (53) x 20.1" (51) x 8.7" (22)
Weight (Kg): 23.1lbs (10.5)

APPROVALS / WARRANTY

Certification:

Maritime / Military: IEC 60945 4th Edition & IEC 60529 (IP).
MIL-STD-810F & MIL-STD-901D.
IACS E10 (to obtain ABS, BV, CCS, GL,KR, LR, NK, RINA, RS).

Type Approvals:

ABS – Pending

Limited Warranty:

2 Year

ORDERING CODES

15.0" Approved Centric Display: 23-1510
Adjustable Universal Stand¹: 25-15US01
Turntable (Requires Stand)¹: 25-15T
Sunshade: 25-15SS

Note: 1) IEC 60945 Approved with or without Turntable...

Nauticomp Inc.
8 Callaghan Road
Lindsay, Ontario,
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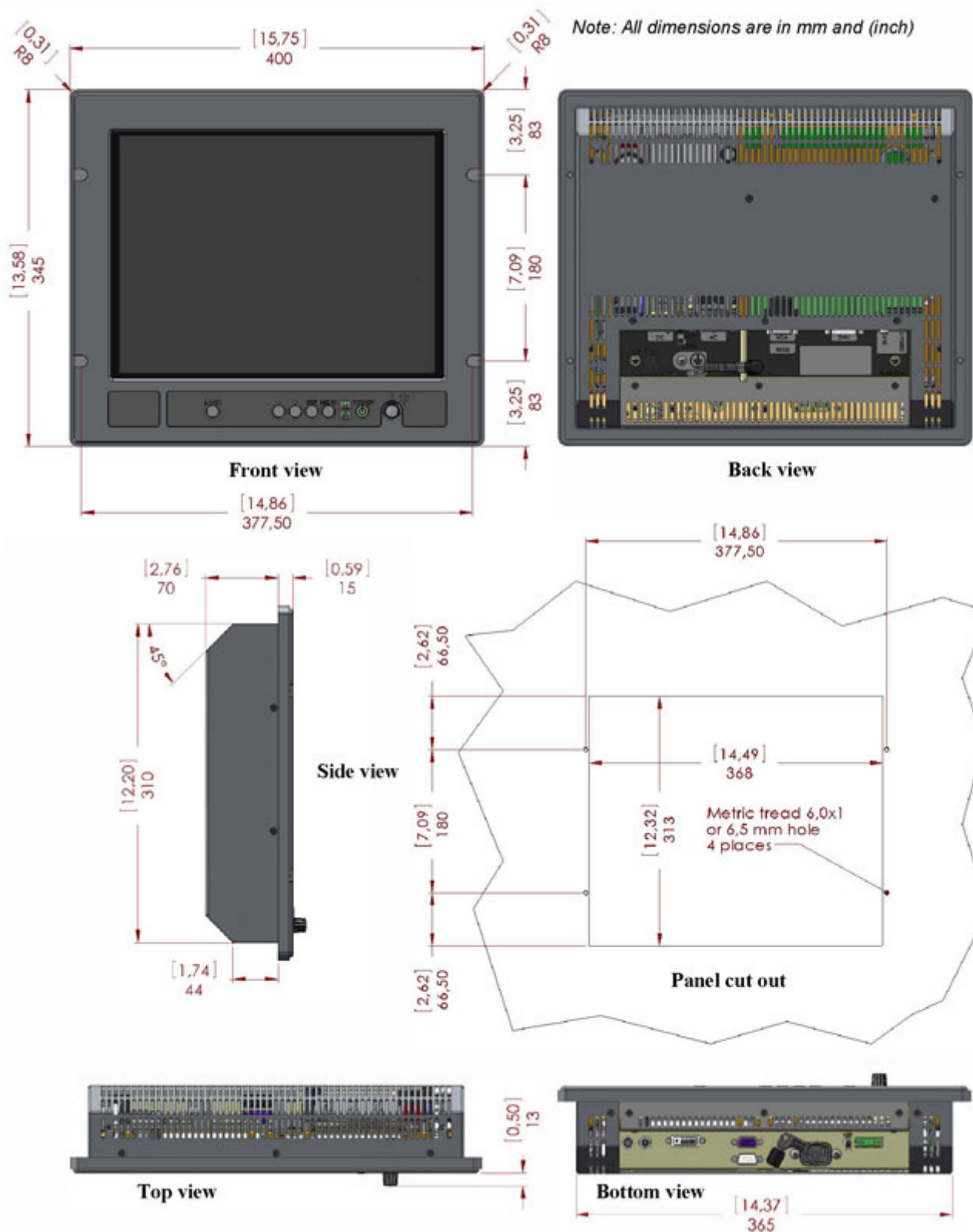
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Due to a policy of continuous product development NAUTICOMP reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged.

Measurements - Display



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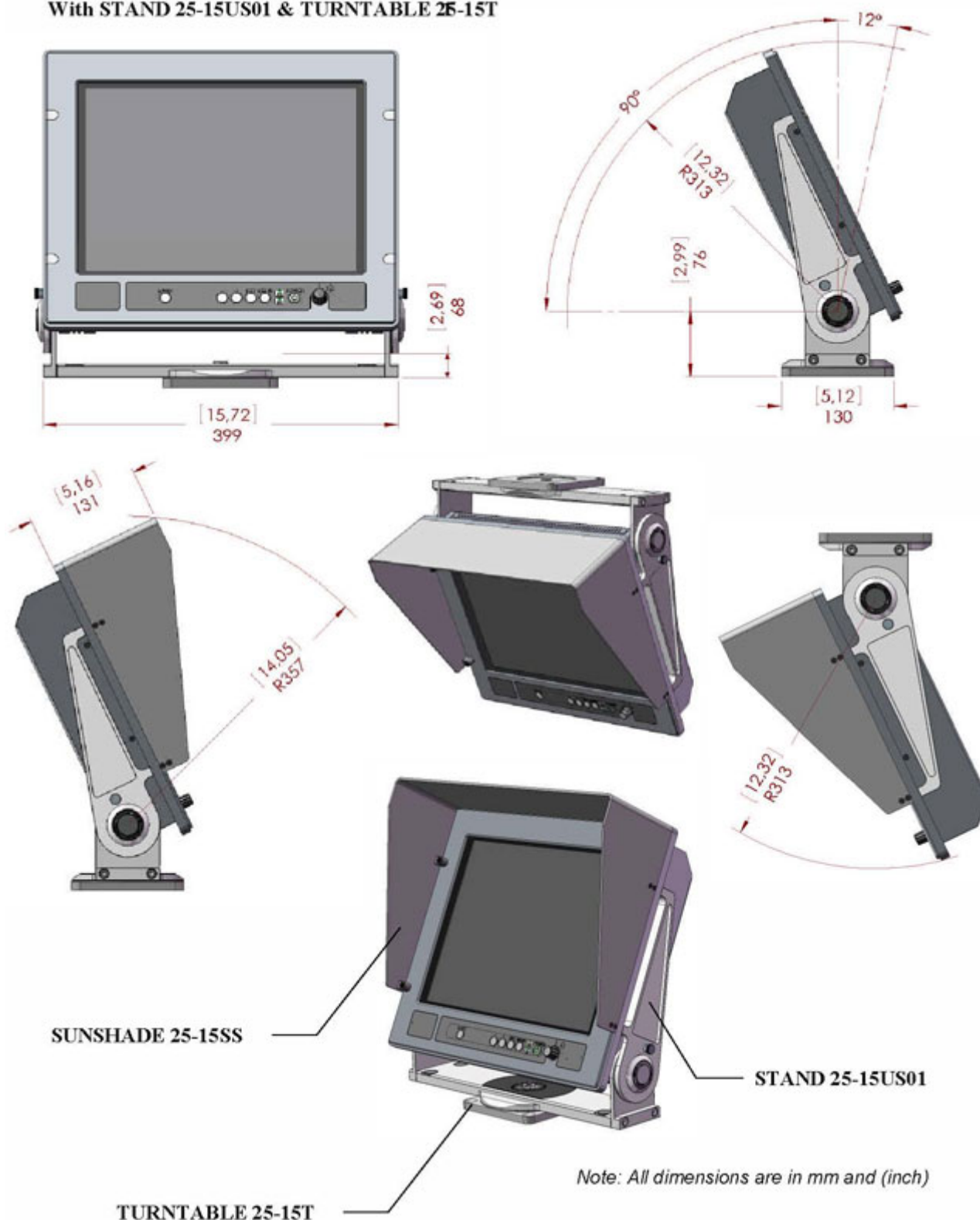
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Measurements - Stands, Sunshade & Turntable

With STAND 25-15US01 & TURNTABLE 25-15T



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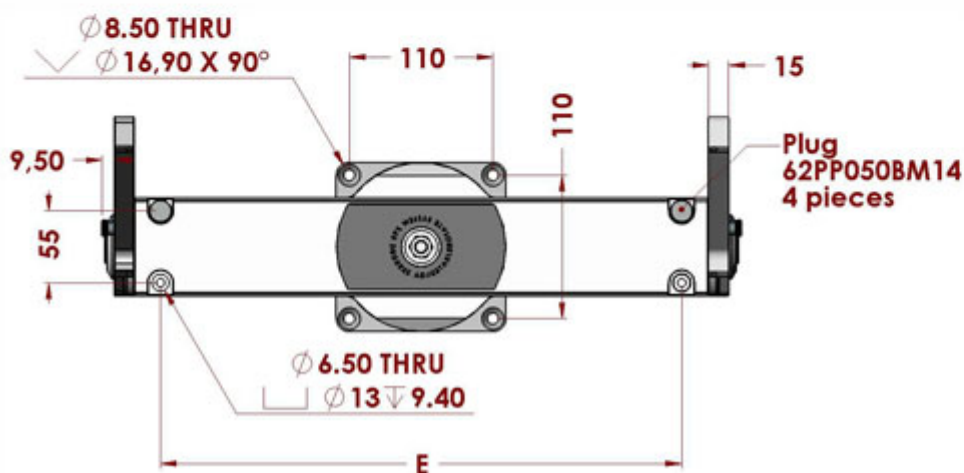
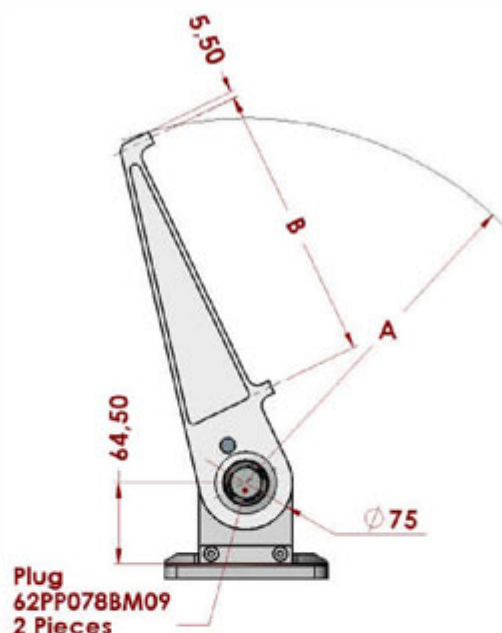
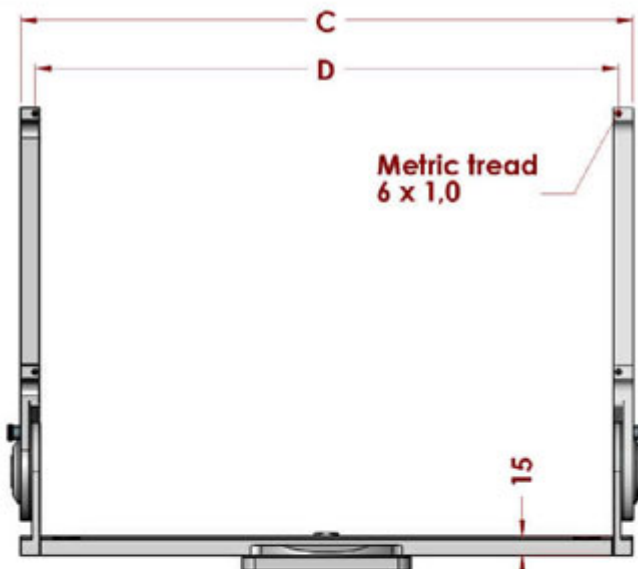
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Measurements - Mounting Stand & Turntable



MEASUREMENTS (in):-				
A	B	C	D	E
325	180	400	377.5	328.9
(12.79)	(7.08)	(15.74)	(14.86)	(12.97)

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