15.0” Daylight Signature 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 500cd/m² (Nits)- Typical
Viewing Angles (at CR>10):	70° Left/Right, 60° Up & 65° Down
Backlight Life:	50,000 Hours– Typical
Colour Depth:	16.7 Million (Depending on Graphics Card)

Dimming Circuit:

Range: Full Brightness to Red (VGA Only)

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

**Depending on resolution*

Resolutions:

VESA Support for: 1600 x 1200 UXGA
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: 304.4 mm x 228.6 mm

Composite Video Input:

PAL, NTSC & SECAM with
‘Picture In Picture’ PIP Facility

Input Voltage:

DC Input: 12.1V DC Regulated
Via external power supply - Refer to ordering codes...

Power Consumption:

2.4 A (30 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 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 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:

Display (mm): 15 3/8” (390.53) W x
11 23/32” (297.66) H x
4 7/32” (107.16) D

Weight:

Weight (kg): 11.2 lbs (5.1)

Input Connectors: (rated @ NEMA 6 / IP67)

RGB Signal:	15 Pin Male Connector*
DVI Signal:	DVI-D Male Connector*
Composite Signal:	RCA Male Jack*
Power:	14 Gauge black/red wire*

**Connections listed are ends on 10’ (3 Meter) pass thru cables permanently connected to display*

Menu Controls:

Via Front Mounted Buttons: OSD Picture Features:
Size, Position, Colour & PIP

Approvals / Warranty

Compliance: CE:IEC609451/ CISPR22 / EN 55022 FCC Part 15 Section 15.109

Limited Warranty: 3 Year

Ordering Codes

Configuration:

15.0” Daylight Display: 19-1510
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)

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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.

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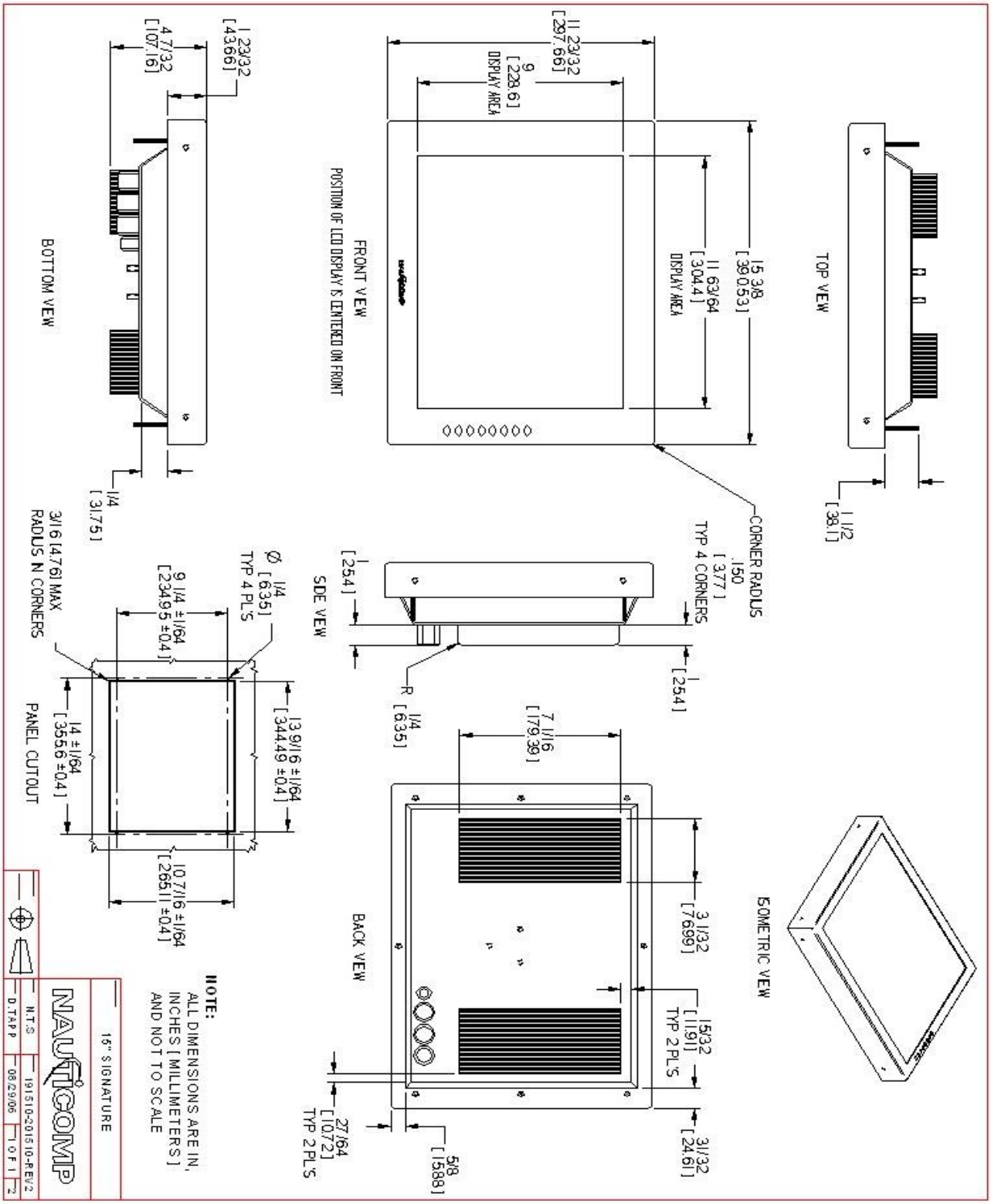

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