19.0” Signature Series II Display– LED

Electrical Description

Display Characteristics:

Type:	19.0” Active Matrix TFT
Dot Number:	1280 x 1024 Pixels
Dot Pitch:	0.294mm
Response Time:	25ms Average– Typical
Contrast Ratio:	1500:1 Typical
Brightness/Light Intensity:	750 cd/m² (Enhanced for Sunlight Readability)
Viewing Angles (at CR>10):	89° Left/Right, 89° 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

Composite Video Input:

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

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: 376.32 mm x 301.06 mm

Input Voltage:

DC Input: 12.1V DC Regulated

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

Power Consumption:

5.0 A (61 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 w/1.275” (32.37) Protruding and Fastened with 4 8-32 Mounting Studs
Panel Cut-Out Size (mm): 16.125” (409.58) W x 12.438” (315.92) H

Dimensions:

Display (mm): 17.813” (452.44) W x 13.625” (346.08) H x 3.200” (81.27) D

Weight:

Weight (kg): 14 lbs (6.4)

Input Connectors: (rated @ NEMA 6 / IP67)

2x RGB Signal:	2 15 Pin Male Circular Connectors
1x DVI Signal:	19 Pin Male Circular Connector
3x Composite Signal	6 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
Brightness Control: Front Mounted Potentiometer

Approvals / Warranty

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

Limited Warranty: 3 Year

Ordering Codes

Configuration:

19.0” Signature Series II Display: 26-1910

Please select external power supply from list below...

External Power Supply:

External 115/230V:	00-0301
External 12V DC:	00-0306
External 24V DC:	00-0305

Shipping:

Carton Size (cm): 23” (58) W x 22” (56) H x 11” (28) D
Weight (kg): 34 lbs (15.5)

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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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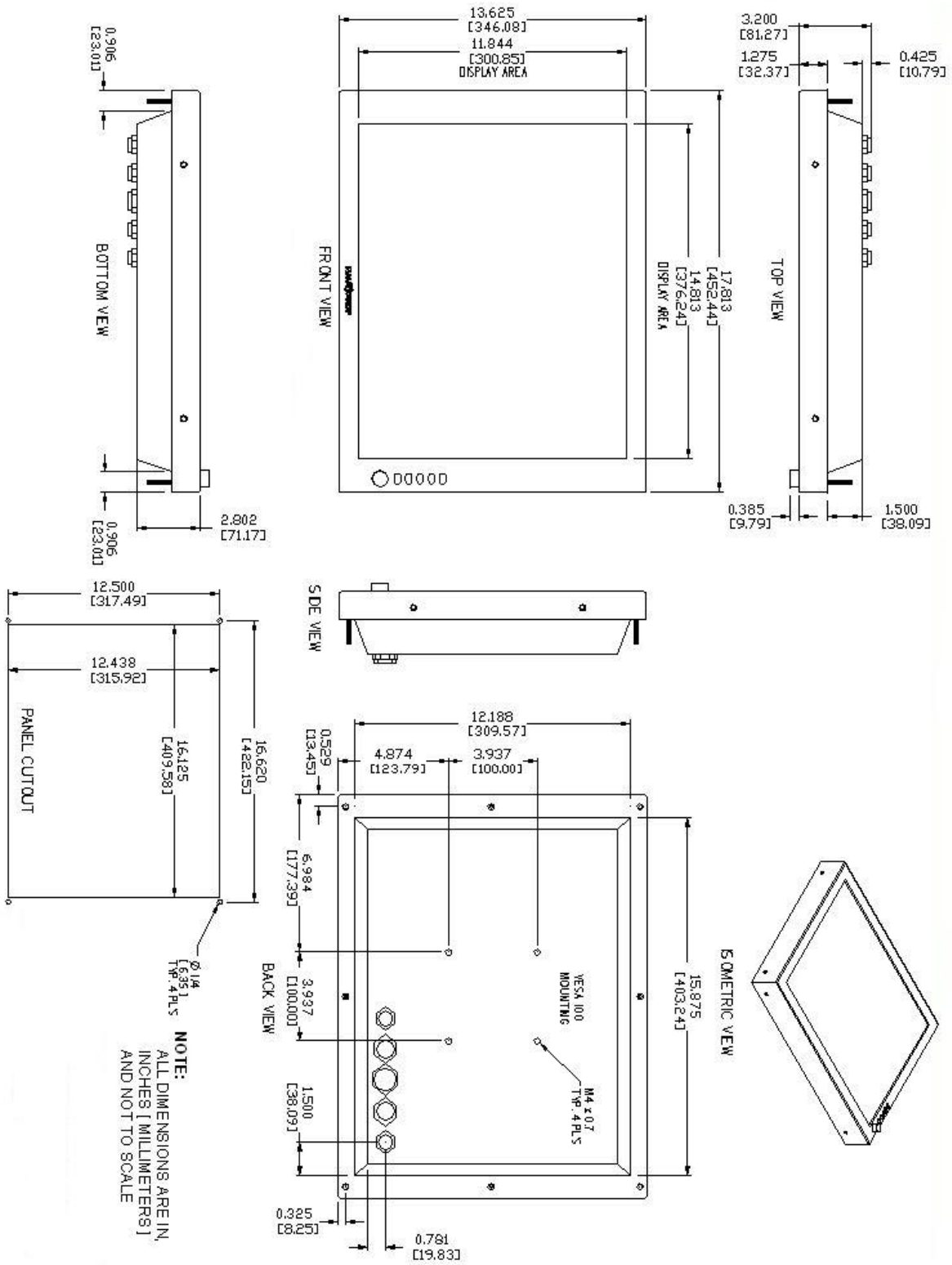

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