

15.6" HD-SDI Display

Electrical Description

Display Characteristics:

Type: 15.6" Active Matrix TFT
 Dot Number: 1920 x 1080 Pixels
 Dot Pitch: 0.1989mm
 Response Time: 40ms Average- Typical
 Contrast Ratio: 750:1 Typical
 Brightness/Light Intensity: 1200 cd/m² (Enhanced for Sunlight)
 Viewing Angles (at CR>10): 80° Left/Right, 60/80° Up/ Down
 Backlight Life: 75,000 Hours- Typical
 Colour Depth: 16.7 Million (Depending on Graphics Card)

Dimming Circuit:

Range: Full Brightness to Black

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: (640 x 480)

Composite Interface: PAL, NTSC & SECAM with 'Picture In Picture' PIP and "PBP"- Picture Beside Picture Facility

HD-SDI Input/Output:

HD-SDI Interface: Fully compliant with SMPTE 259M-C and SMPTE 292M standards

Resolutions:

HD-SDI	DVI/VGA	
NTSC / 480i60 (525i60)	1920 x 1200	1280x800
PAL / 576i50 (625i50)	1920 x 1080*	1280x768
480p60 (525 p60)	1680 x 1050	1024x768
576p50 (625 p50)	1600x1200	1024x600
(HDTV) 720p 50	1600x900	800x600
(HDTV) 720p 60	1440x900	800x480
(HDTV) 1080i 50	1366x768	640x480
(HDTV) 1080i 60*	1280x1024	
(HDTV) 1080p 25		
(HDTV) 1080p 30		

**Recommended for optimised resolution*

Active Display Area:

Active Display Area: 348 mm x 197 mm

Input Voltage:

AC OR DC Input: 100-240VAC/12.4V DC Regulated
 Specify voltage on order...

Power Consumption:

3.4 A (40 W) Max @ 12VDC

Environmental:

*Operating Temp: -22 to +185°F / -30 to +85°C
 Storage Temp: -40 to +185°F / -40 to +85°C
 Operating Humidity: 5% to 95% (Non-Condensing)
 Storage Humidity: 5% to 95% (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: IP65 Front/IP56 Rear
 Toughened Safety Glass : Bonded, Contrast Enhancing, Optically Coated and Polarized
 Ventilation: Convection

Mounting Style:

Surface (mm): Surface Mounted w/1.275" (32.39) Protruding and Fastened with 4 Mounting Studs
 Panel Cut-Out Size (mm): 14.270" (354.11) W X 8.157" (207.18) H

Dimensions:

15.398" (391.1) W x
 Display (mm): 10.598" (269.19) H x
 3.151" (80.02) D

Weight:

Weight (kg): 6 lbs (2.7)

Input Connectors:

RGB Signal: 15 pin DB-15 (female)
 DVI Signal: DVI-D (Digital type DVI)
 Composite Input: Male BNC
 HD-SDI In/Out: Male BNC (EDID)
 Power: 2-pin circular connector

Menu Controls:

Via Front Mounted Buttons: OSD Picture Features: Size, Position, PIP/PBP, Colour and Input Selection

Approvals / Warranty

Compliance (Pending): CE:IEC60945/ CISPR22 / EN

55022 FCC Part 15 Section 15.109

Limited Warranty: 2 Year

Ordering Codes

Configuration:

15.6" HD-SDI Display: 27-1510
 AC as standard/for DC- Please select external power supply from list below...

External Power Supply:

Internal 115/230V: *specify on order
 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 lbs (12)

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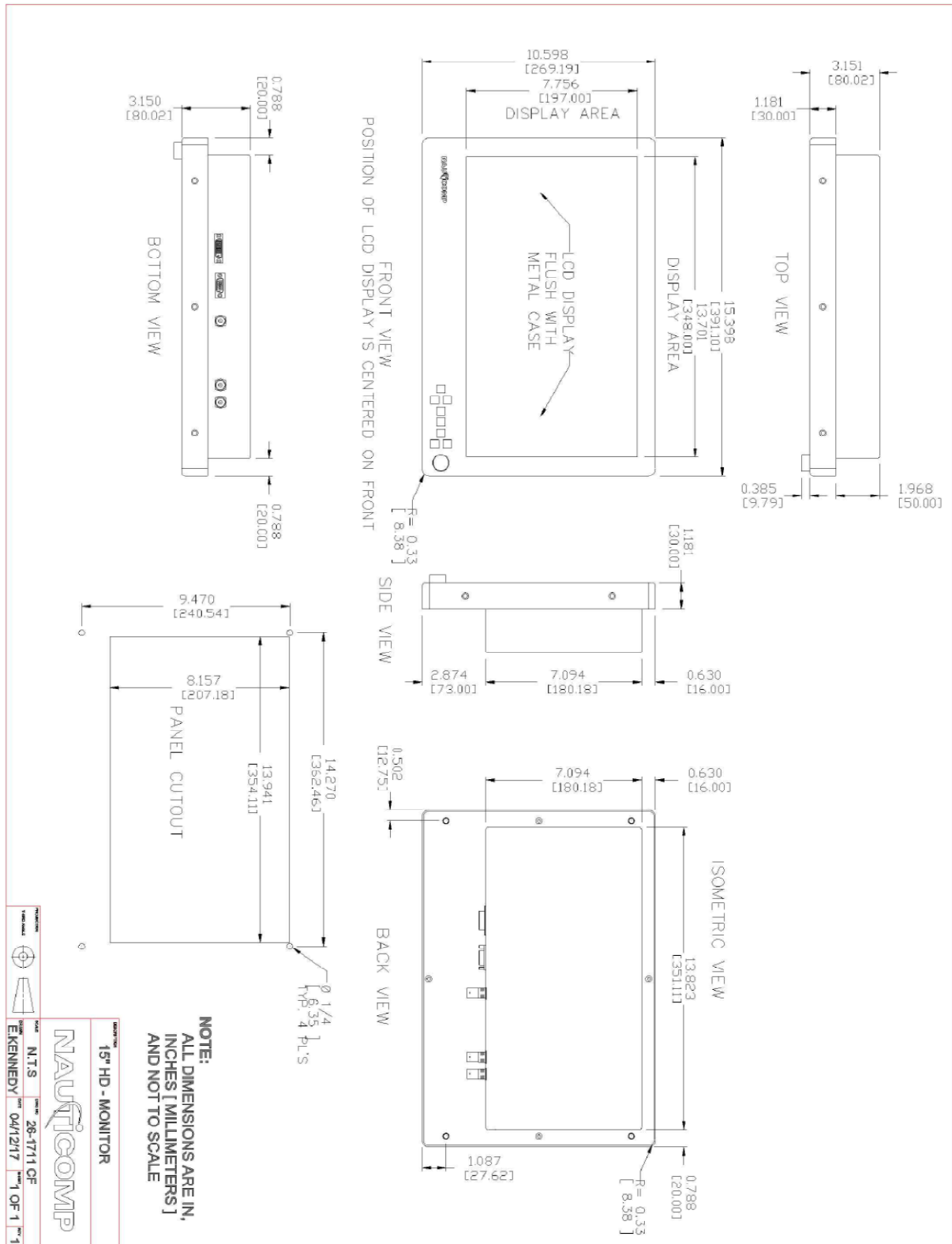
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Due to a policy of continuous product development NAUTICOMP reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged.

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