15.0" Gen 3 Titan Commercial LED Display

Electrical Description

Display Characteristics:

Type:	15.0" Active Matrix TFT
Dot Number:	1024 x 768 Pixels
Dot Pitch:	0.297mm
Response Time:	5ms Average– Typical
Contrast Ratio:	800:1 Typical
Brightness/Light Intensity:	500 cd/m² Daylight Readable
Viewing Angles (at CR>10):	80° Left/Right, 70° Up/ Down
Backlight Life:	50,000 Hours- Typical
Colour Depth:	16.7 Million (Depending on Graphics Card)

Dimming Circuit:

Range: Full Brightness to Black

HDMI Input:

Digital Interface: HDMI 2.0 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/Output;

Composite Interface: PAL, NTSC—Full Screen Image with quick toggle to VGA and HDMI

Audio Input;

2 x built in alarm speakers: 2.5W

Synchronisation Range:

Horizontal Scan: 30-80 kHz*
Vertical Scan: 56-75 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: 304.1 mm x 228.1 mm

Input Voltage:

AC to DC Power Suppy: 115VAC Input / 12VDC Output

Power Consumption:

4A (48W) @ 12VDC Max.

Environmental:

*Operating Temp:	-4 to +158°F / -20 to +70°C
Storage Temp:	-13 to +167°F / -25 to +75 °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:	Cold Rolled Steel with Anti Corrosion Paint
Ventilation:	Convection

Mounting Style:

3 Options: 1. Standard Surface mount
2. RAM Pedestal (opt.)
3. Flush Via Mounting Brackets (opt.)

Surface Mount (mm): 12.75" (324) W X
10.43" (265) H

Dimensions:

Display (mm): 13.93" (354) W X
11.57" (294) H X
1.97" (50) D

Weight:

Weight (kg): 10 lbs (4.6)

Input Connectors:

1 x RGB Signal:	15 Pin Female D-Sub
2 x HDMI/DVI Signal:	Female type A Connector w/thread
2 X Composite Input/Output:	BNC Male– 2 x in, 2 x out
2 x Audio Input/Output:	3.5mm In/Out or L+R RCA In x 2
Power:	Barrel Connector

Menu Controls:

Via Front Mounted Buttons: OSD Picture Features:
Size, Position, 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:

15.0" Titan Gen 3 Display: 29-1512
Please select external power supply from list below...

External Power Supply:

External 115VDC: Standard
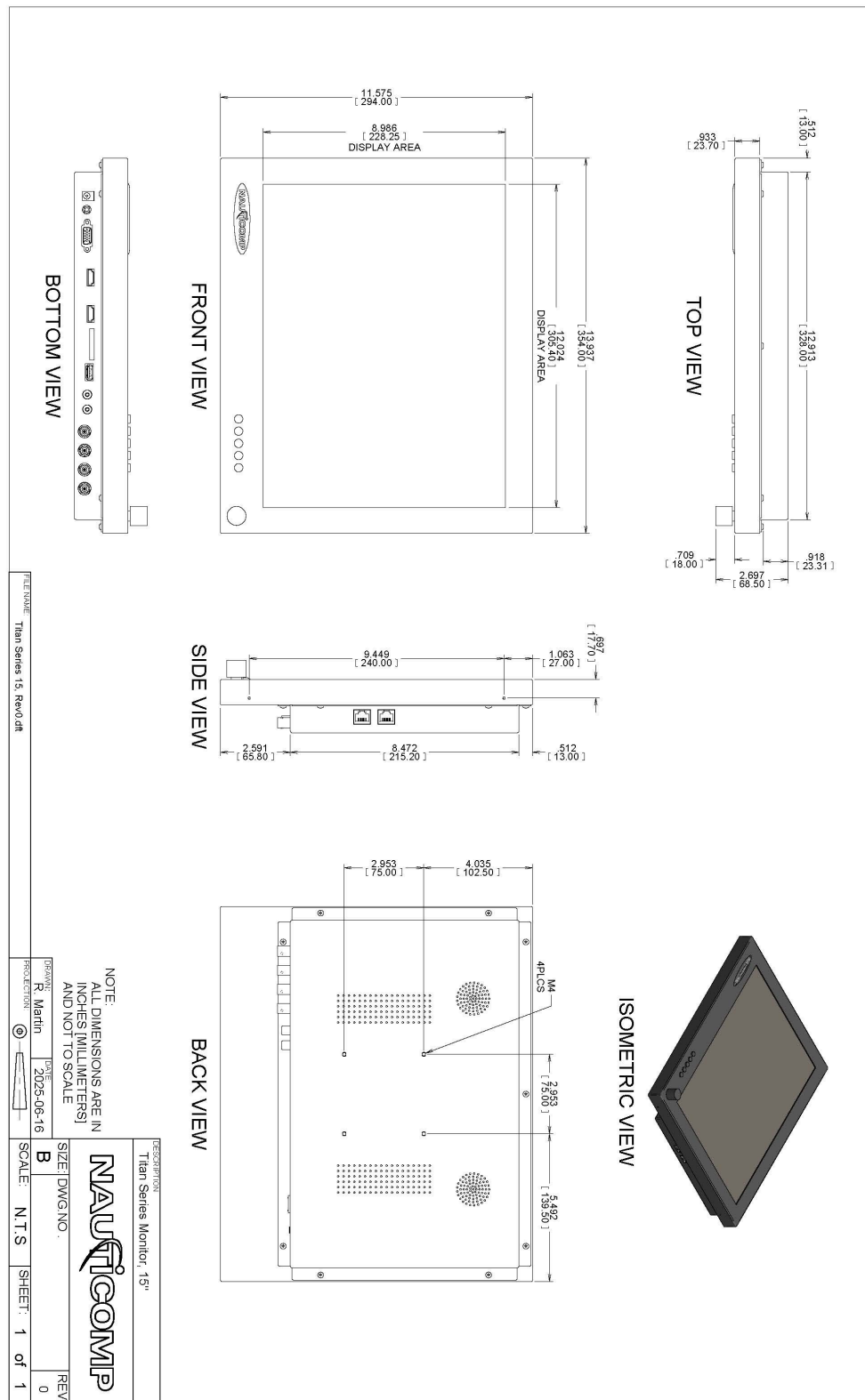External 12V DC: Optional
External 24V DC: Optional

Shipping:

Carton Size (cm): 16" (410) W x 16" (410) H x 5.5" (142) D (w/No Options)
Weight (kg): 13 lbs (5.5)

URL: www.nauticomp.com   E-Mail: sales@nauticomp.com

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

NAUTICOMP

15.0" Gen 3 Titan Commercial LED Display

FRONT VIEW
11.575 [294.00]
8.986 [228.25] DISPLAY AREA
13.937 [354.00]
12.024 [305.40] DISPLAY AREA

BOTTOM VIEW

TOP VIEW
.933 [23.70]
.512 [13.00]
12.913 [328.00]
.709 [18.00]
2.697 [68.50]
.918 [23.31]

SIDE VIEW
9.449 [240.00]
1.063 [27.00]
.697 [17.70]
2.591 [65.80]
8.472 [215.20]
.512 [13.00]

BACK VIEW
2.953 [75.00]
4.035 [102.50]
M4 4PLCS
2.953 [75.00]
5.492 [139.50]

ISOMETRIC VIEW

FILE NAME: Titan Series 15, Rev0.dft

NOTE:
ALL DIMENSIONS ARE IN INCHES [MILLIMETERS] AND NOT TO SCALE

DRAWN: R. Martin
PROJECTION:
DATE: 2025-06-16

DESCRIPTION: Titan Series Monitor, 15"
SIZE: B
DWG NO.:
SCALE: N.T.S
SHEET: 1 of 1
REV: 0