

19.0" Gen 3 Titan Commercial LED Display

Electrical Description

Display Characteristics:

Type: 19.0" Active Matrix TFT
Dot Number: 1280 x 1024 Pixels
Dot Pitch: 0.294 mm
Response Time: 5ms Average— Typical
Contrast Ratio: 1000:1 Typical
Brightness/Light Intensity: 500 cd/m² Daylight Readable
Viewing Angles (at CR>10): 85° Left/Right, 85° Up/ Down-Typical
Backlight Life: 50,000 Hours- Typical
Colour Depth: 16.7 Million (Depending on Graphics Card)

Enhanced Dimming Circuit:

Range: Full Brightness to Black (Wide scale)

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: 50-75 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: 408.24 mm x 255.15 mm

Input Voltage:

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

Power Consumption:

4A (48W) @ 12VDC 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: 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): 15.20" (386) W X
13.66" (347) H

Dimensions:

16.65" (423) W X
14.37" (365) H X
1.97" (50) D

Weight:

Weight (kg): 12.3 lbs (5.58)

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:

19.0" Titan Gen 3 Display: 29-1912
Please select external power supply from list below...

External Power Supply:

External 110-240V AC: Standard
External 12V DC: Optional (Part #00-0302)
External 24V DC: Optional (Part #00-0303)

Shipping:

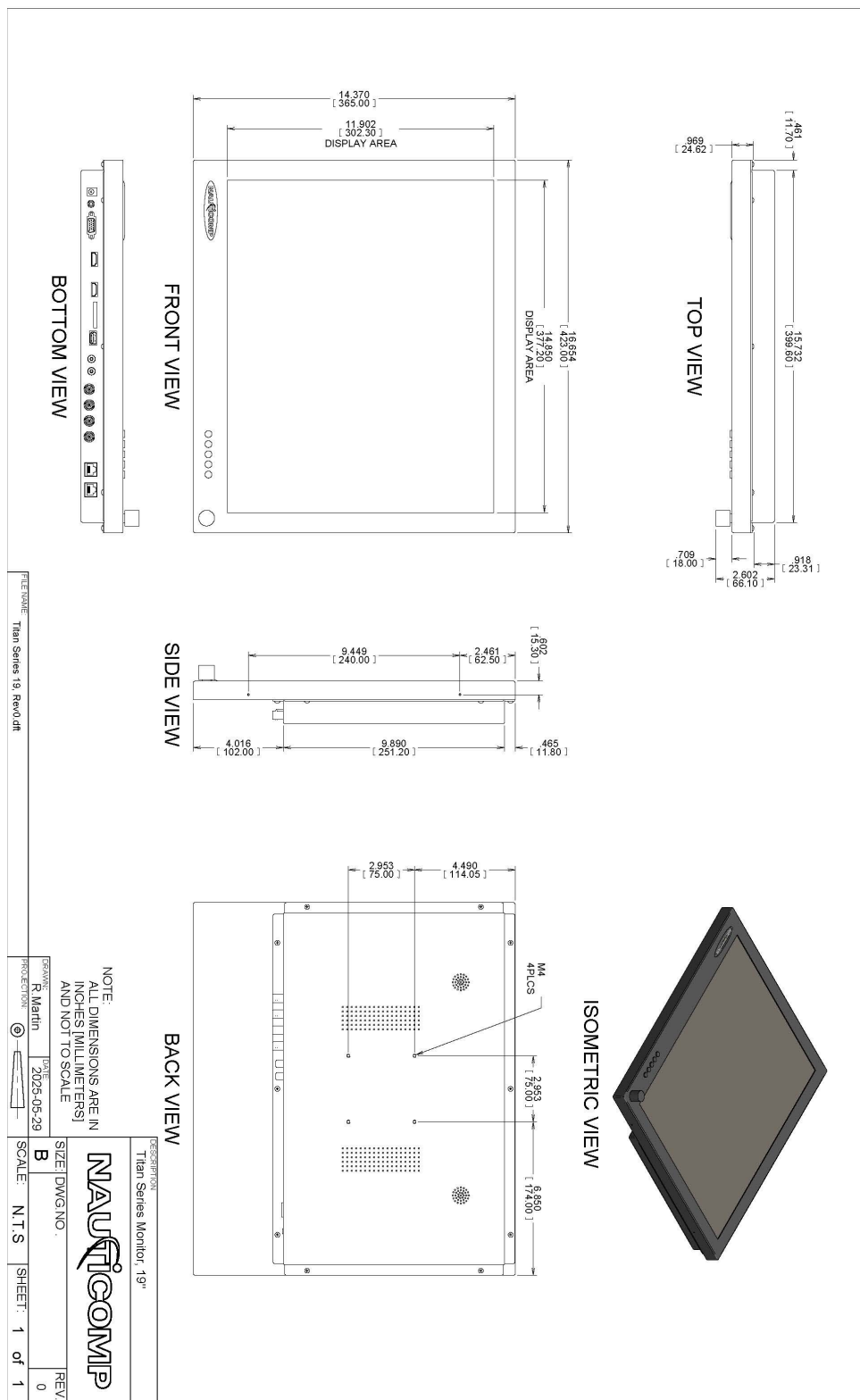
Carton Size (cm): 19.5" (490) W x 20" (510) H x
6.5" (165) D (w/No Options)
Weight (kg): 17.2 lbs (7.8)

Canadian
Headquarters: **Nauticomp Inc.**
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19.0" Gen II Titan Commercial LED Display



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