

19.0" Titan Commercial Grade LED Display

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: 1000:1 Typical
Brightness/Light Intensity: 500 cd/m²
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

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: 31.469-79.976 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: 376.3 mm x 301.1mm

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:

Surface: Standard Surface mount with
optional Flush (embedded) Mount
Brackets, or RAM Pedestal Mount

Panel Cut-Out Size (mm): 17.795" (452) W X
15.079" (383) H

Dimensions:

17.795" (452) W X
15.079" (383) H X
Display (mm): 2.204" (56) D

Weight:

Weight (kg): 14 lbs (6.4)

Input Connectors:

RGB Signal: 15 Pin Male VGA Connector
DVI Signal: 19 Pin Male DVI Connector
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 Display: 29-1910
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): 23" (58) W x 22" (56) H x 11" (28) D
Weight (kg): 34 lbs (15.5)

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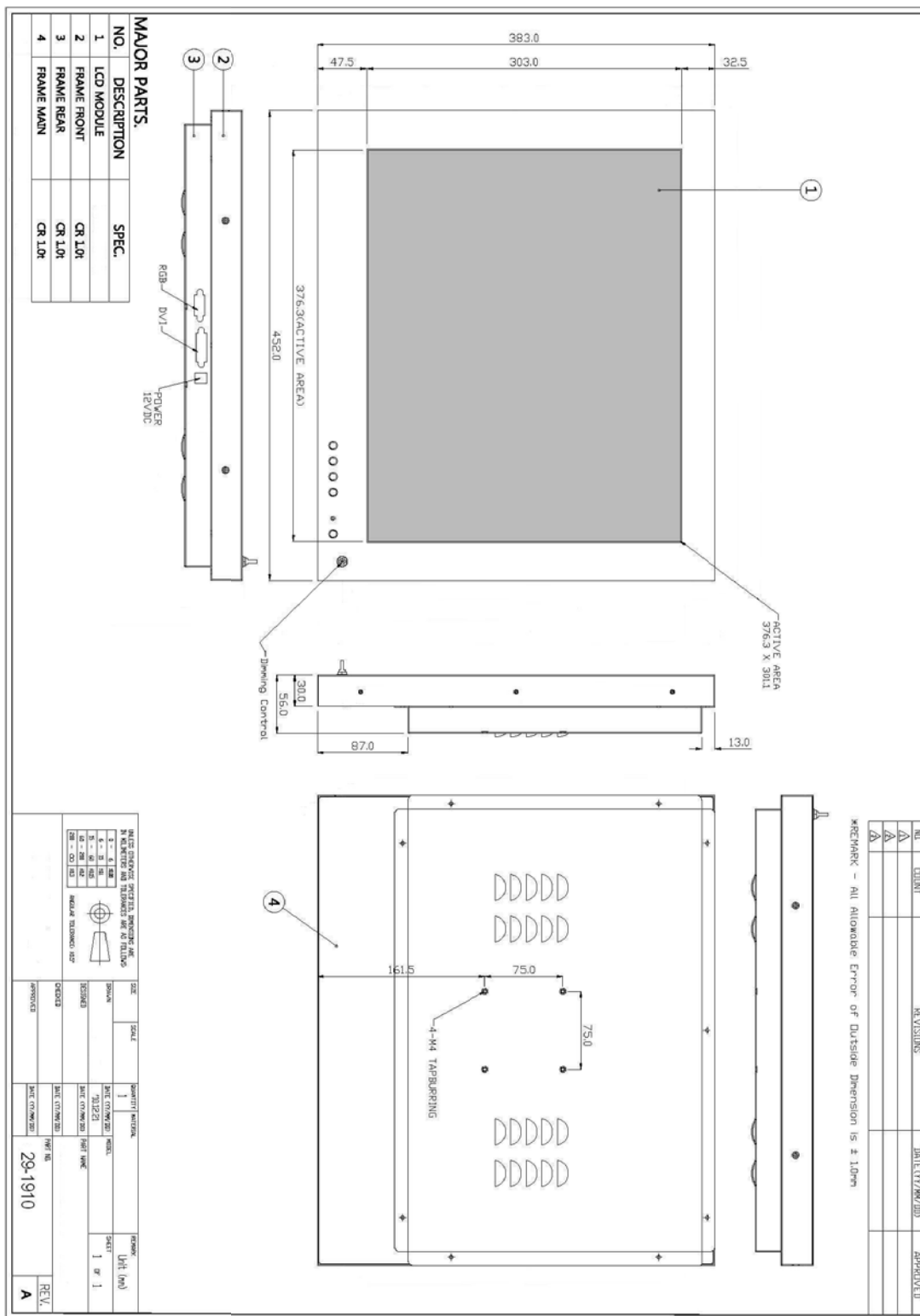
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Due to a policy of continuous product development NAUTICOMP reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged.

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