

Reference: 29-1510 Technical Data Sheet - Rev 3

Date: November 11th/2011

15.0" Titan Commercial Grade LED Display

Electrical Description

Display Characteristics:

Type: 15.0" Active Matrix TFT Dot Number: 1024 x 768 Pixels

Dot Pitch: 0.297mm

Response Time: 25ms Average- Typical

Contrast Ratio: 700:1 Typical

Brightness/Light Intensity: 500 cd/m² Daylight Readable Viewing Angles (at CR>10): 80° Left/Right, 80° 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: 304.128 mm x 228.096 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 1/2 Sine Wave Vibration: +/-1mm, 2 to 13Hz:0.7g 13 to 100Hz

*We DO NOT recommend routine operation @ extreme temperatures.

Mechanical Description

Construction:

Black Fine Textured Semi Gloss Finish:

Powder Coat

Cold Rolled Steel with Anti

Housing: 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): 14.724" (374) W X

12.283" (312) H

Dimensions:

14.724" (374) W X 12.283" (312) H X

Display (mm): 2.086" (53) D

Weight:

Weight (kg): 10 lbs (4.6)

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:

15.0" Titan Display: 29-1510

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): 21" (53) W x 20" (51) H x 10" (25) D

Weight (kg): 26 lbs (12)

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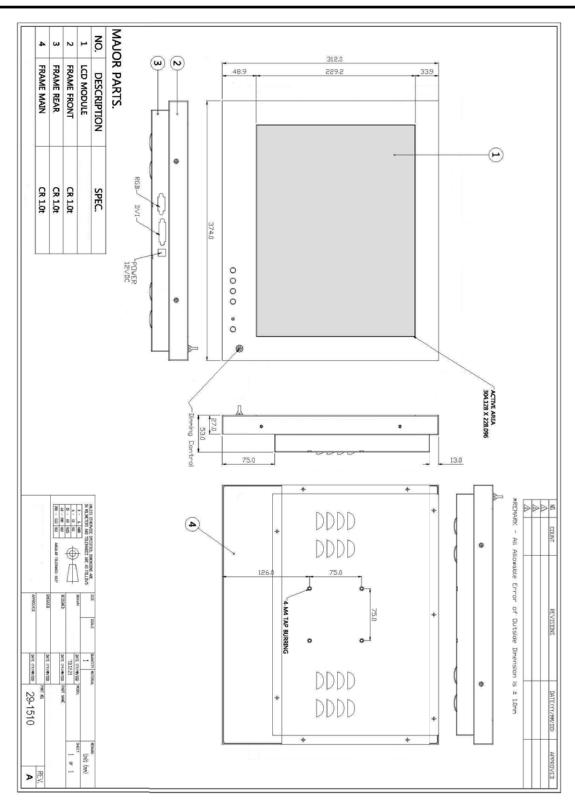


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