NAUTICOMP

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 Supply: 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:

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:

Display (mm): 14.724" (374) W X
12.283" (312) H X
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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MAJOR PARTS.

NO.	DESCRIPTION	SPEC.
1	LCD MODULE	
2	FRAME FRONT	CR 1.0t
3	FRAME REAR	CR 1.0t
4	FRAME MAIN	CR 1.0t

29-1510

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