

12.1" Signature Series II Display- LED

Electrical Description

Display Characteristics:

Type: 12.1" Active Matrix TFT
Dot Number: 1024 x 768 Pixels
Dot Pitch: 0.240mm
Response Time: 23ms Average- Typical
Contrast Ratio: 700:1 Typical
Brightness/Light Intensity: 750 cd/m² (Enhanced for Sunlight Readability)
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
with "Dim to Red" at any level

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

Composite Video Input:

Composite Interface: PAL, NTSC & SECAM with 'Picture In
Picture' PIP Facility

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: 245.76 mm x 184.32 mm

Input Voltage:

DC Input: 12.1V DC Regulated
Via external power supply - Refer to ordering codes...

Power Consumption:

1.25 A (15 W) 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: Preformed Aluminium
Sealing: Waterproof NEMA 6 / IP67
Toughened Safety Glass : Bonded, Contrast Enhancing,
Optically Coated and Polarized
Ventilation: Convection

Mounting Style:

Surface (mm): Surface Mounted w/1.275" (32.37)
Protruding and Fastened with 4 8-32
Mounting Studs
Panel Cut-Out Size (mm): 10.262" (260.66) W X
7.783" (197.70) H

Dimensions:

Display (mm): 12.963" (329.26) W x
9.080" (230.64) H x
3.200" (81.28) D

Weight:

Weight (kg): 10 lbs (4.6)

Input Connectors: (rated @ NEMA 6 / IP67)

2x RGB Signal: 2 15 Pin Male Circular Connectors
1x DVI Signal: 19 Pin Male Circular Connector
3x Composite Signal: 6 Pin Male Circular Connector
Power: 2 Pin Male Circular Connector

Menu Controls:

Via Front Mounted Buttons: OSD Picture Features:
Size, Position, Colour and Input
Selection
Brightness Control: Front Mounted Potentiometer

Approvals / Warranty

Compliance (Tested To): CE/IEC60945/ CISPR22 / EN
55022 FCC Part 15 Section 15.109

Limited Warranty: 3 Year

Ordering Codes

Configuration:

12.1" Signature Series II Display: 26-1210
Please select external power supply from list below...

External Power Supply:

External 115/230V: 00-0301
External 12V DC: 00-0302
External 24V DC: 00-0303

Shipping:

Carton Size (cm): 21" (53) W x 20" (51) H x 10" (25) D
Weight (kg): 26 lbs (12)

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