

## 26" Centric GB Display

### ELECTRICAL DESCRIPTION

#### Display Characteristics:

Type: 25.5" Active Matrix TFT  
Dot Number: 1920 x 1200 Pixels  
Dot Pitch: 0.270 mm  
Active Display Area: 550.1 mm x 343.8 mm  
Response Time: 12ms Average - Typical  
Contrast Ratio: 800:1 Min.  
Brightness / Light Intensity: 500 cd/m<sup>2</sup> (Nits) - Typical  
Viewing Angles L/R/U/D: 89°/89°/89°/89°  
Backlight Life: 50,000 Hours - Typical  
Colour Depth: 16.7 Million (Depending on Graphics Card)

#### Dimming:

Range: 0-100% (Dimming Ratio 1000:1)

#### DVI-I Input:

Digital Interface: DVI 1.0 Compatible Interface  
108 MHz Operation.

#### VGA Input:

Analog: RGB 0.7-1.0V p-p  
Impedance: 75 Ohms  
Sync. Type/Level: Sync-on-Green (-ve) 0.3V

#### Synchronisation Range:

Horizontal Scan: 15 - 100 kHz  
Vertical Scan: 30 - 100 Hz

#### Resolutions:

VESA Support for: 1900 x 1200 WUXGA\*  
1600 x 1200 UXGA  
1280 x 1024 SXGA  
1024 x 768 XGA  
800 x 600 SVGA  
640 x 480 VGA  
\*Recommended for optimised resolution...

#### Composite Video Input:

Input Source: NTSC, PAL, SECAM

#### Input Voltage:

AC (Auto-Ranging) Input: 115/230V AC +/- 10%

#### Power Consumption:

AC Supply: 120 W

#### Environmental:

\*\*Operating Temp: -15 to +55°C (IEC 60945)  
Storage Temp: -20 to +70°C  
Operating Humidity: 30% to 90% (Non-Condensing)  
Storage Humidity: 10% to 90% (Non-Condensing)  
Vibration: +/-1mm, 2 to 13Hz: 0.7g 13 to 100 Hz

\*\*We DO NOT recommend routine operation @ extreme temperatures...

### MECHANICAL DESCRIPTION

#### Construction:

Finish: Front Bezel - Bonded Glass  
Rear Housing - Modular Metal Construction  
Housing: Chemically Treated Metal  
Front Sealing: Front Bezel IP67  
Protective Safety Glass: Conturan Hardened, Laminated & Anti-glare coated.  
Ventilation: Convection (With Fans)

#### Dimensions:

Display for Flush Mounting (mm): 16.22" (412) H x 24.37" (619) W x 4.05" (103) D  
Panel Cut-out (mm): 15.71" (399) H x 23.86" (606) W

#### Weight:

Display (kg) : 31.97 lbs (14.5)

#### Connections:

DVI Signal: DVI-I Female  
VGA Signal: 15-pin Female D-SUB  
Composite Signal: RCA Female Jack  
S-Video: S-Video Socket  
Remote Keypad Interface: 25-pin Female D-SUB  
RS232 Control: 9-pin Female D-SUB  
AC Power: IEC Inlet

#### User Controls:

Remote Membrane Keypad with Buttons for: Menu & Power.  
Brightness Knob: Backlight Bright Potentiometer & AC Power LED.

Backlight Brightness: Remote Panel Knob (Potentiometer).

#### Shipping Details:

Carton Size (cm): 26" (66)W x 28" (71)H x 8" (20) D  
Weight (kg): 32 lbs (14.5)

### APPROVALS / WARRANTY

#### Compliance:

Maritime / Military: IEC 60945 4th Edition. IEC 61174 (ECDIS), IEC 60936 (RADAR) & IEC 60529 (IP). MIL-STD-810F & MIL-STD-901D. IACS E10 (to obtain ABS, BV, CCS, GL,KR, LR, NK, RINA, RS).

#### Type Approvals:

ABS – Pending

#### Limited Warranty:

2 Year

### ORDERING CODE

26" Centric GB Display: 23-2610-GB

