

19" Centric GB Display

ELECTRICAL DESCRIPTION

Display Characteristics:

Type: 19.0" Active Matrix TFT
Dot Number: 1280 x 1024 Pixels
Dot Pitch: 0.294 mm
Active Display Area: 376.3 mm x 301.05 mm
Response Time: 13ms Average - Typical
Contrast Ratio: 1000:1 Min.
Brightness / Light Intensity: 250 cd/m² (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: 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: 55W

Environmental:

**Operating Temp: -15 to +55°C (IEC 60945)
Storage Temp: -25 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 (No Fans)

Dimensions:

Display for Flush Mounting (mm): 14.21" (361) H x 17.05" (433) W x 3.03" (77) D
Panel Cut-out (mm): 13.70" (348) H x 16.54" (420) W

Weight:

Display (kg) : 18.4 lbs (8.3)

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
Brightness Knob: Buttons for; Menu & Power. Backlight
Bright Potentiometer & AC Power LED.

Backlight Brightness: Remote Panel Knob (Potentiometer)

Shipping Details:

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

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

19" Centric GB Display: 23-1910-GB

