

20" Widescreen Glass Bridge MonitorTM

ELECTRICAL DESCRIPTION

Display Characteristics:

Type: 20.1" Widescreen Active Matrix TFT
Dot Number: 1680 x 1050 Pixels
Dot Pitch: 0.258 mm
Active Display Area: 433.4 x 270.9 mm
Response Time: 5 ms - Average @ 25°C
Contrast Ratio: 1600:1 (DCR)
Brightness/Light Intensity: 300 cd/m²
Viewing Angles (at CR>10): 89° Left/Right, 89° Up / 89° Down
Backlight Life: 50,000 Hours - Typical
Colour Depth: 16.7 Million - Depending on Graphics card

Deep Dimming:

Range: 0 to 100%

DVI-D Input:

Digital Interface: DVI 1.0 Compatible Interface

Analog RGB Input:

Analog: RGB 0.7-2.0v p-p
Impedance: 75 Ohms
Synchronisation: Sync-on-Green (-ve) 0.3V
Auto Detect: VGA to WUXGA

Synchronisation Range:

Horizontal Scan¹: 15 ~ 100 kHz
Vertical Scan¹: 50 ~ 75 Hz
Note 1) Dependent on resolution

Resolutions:

VESA Support for: WUXGA 1920 x 1200
WSXGA 1680 x 1050 (Optimised Res.)
UXGA 1600 x 1200
SXGA 1280 x 1024
XGA 1024 x 768
SVGA 800 x 600
VGA 640 x 480

Composite Video Input:

Input Source: PAL, NTSC & SECAM with 'Picture In Picture' PIP Facility

Input Voltage (AC and/or DC):

AC Input: 115 & 230VAC 50/60 Hz
DC Input: 24VDC +30% -20%

Power Consumption:

AC Supply: TBA
DC Supply: TBA

Environmental:

Operating Temperature²: 32 ~ +131°F / 0 ~ +55°C (IEC 60945)
Storage Temperature: -4 ~ +140°F / -20 ~ +61 °C
Operating Humidity: 30% ~ 95% (Non-Condensing)
Storage Humidity: 10% ~ 95% (Non-Condensing)
Shock: 10g, 11msec ½ Sine Wave
Vibration: +/-1mm, 2 to 13Hz:0.7g 13 to 100Hz
Note 2) We DO NOT recommend routine operation @ extreme temperatures.

MECHANICAL DESCRIPTION

Construction:

Finish: Front Panel - Bonded Glass
Rear Housing - Brushed Aluminium
Housing: Chemically treated Aluminium
Front Sealing: Waterproof NEMA 6 / IP67
Protective Safety Glass: Bonded & Optically Enhanced
Ventilation: Convection

Mounting Style:

Flush Console Mounting (inch): Height from surface 10 (0.4")
Rear Fixing Brackets + VESA Mtg
Panel Cut-out (inch): 486 (19.13") W x 322 (12.67") H

Dimensions:

Display (inch): 496.7 (19.56") W x 332.1 (13.07") H
x 86.9 (3.42") D

Weight:

Weight (kg): 8.8

Connections:

DVI-I (Digital & RGB signals): DVI-I 24P (Female)
RGB Signal (VGA Input): VGA HD-15 (Female)
Composite Signal: BNC
S-Video Input: S-Video Socket
RS232 Interface: DE-9 (Female)
Remote Control Interface Input: RJ45 Socket
Remote Control Interface Output: RJ45 Socket (Enables 'Daisy Chain')
High Density I/O Signal Interface: 78way HD D-SUB (Female) supports
x1 RGB, x1 HD Component,
x2 Composite, x2 S-Video + custom.
AC Power Input: IEC Inlet (Fused)
DC Power Input: 3-pin Circular (Male) - SGV

User Controls / Indication:

Via Front Panel Indicator: 'BLUE' Power LED (ON / Standby)
Via Rear Housing: ON/OFF Switch (Power Isolation)
Serial Link ID Address (Rotary SW)

User Remote Control (Controls up to x7 Displays):

'Active' Display + PWR Indicator: X7 'BLUE' LED + x1 'GREEN' LED
Pushbuttons (x3): Menu (OSD), Select ('Active' Display from 1 to 7) & Power (ON/Standby).
Rotary Knob with Integrated PB: Rotary - Backlight Brightness & Nav.
Pushbutton - Signal Source & OSD Sub-Menu Selection.

Shipping:

Carton Size (cm) & Weight: 64 x 52 x 21 & 11.4 kg

APPROVALS / WARRANTY

Certification:

Maritime (Compliant): IACS E10, IEC 60945, IEC 61174 (ECDIS), IEC 62388 (Radar) & ABS.

Limited Warranty:

Warranty Period: 2 Year

ORDERING CODES

20" Wide Glass Bridge Monitor: A7-2011-DV
GB Remote Control: A7-0107-A

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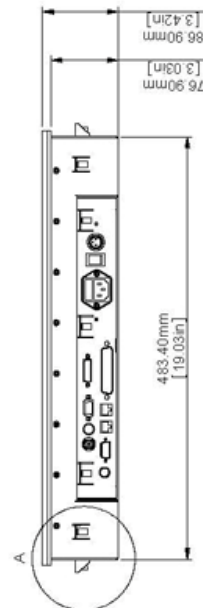
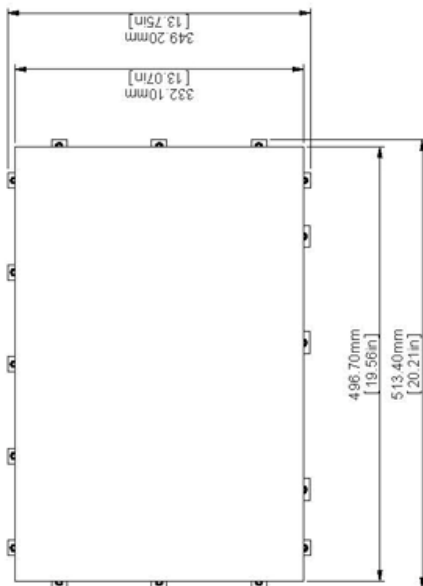
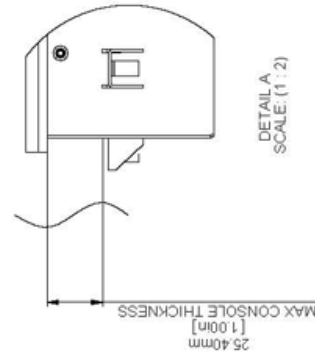
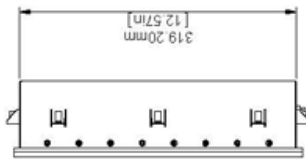
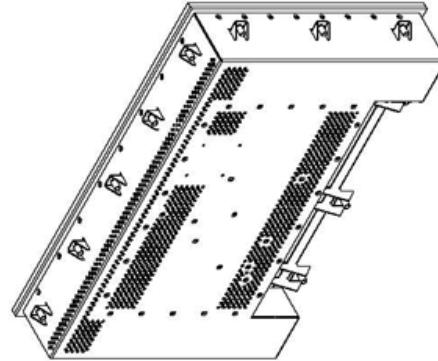
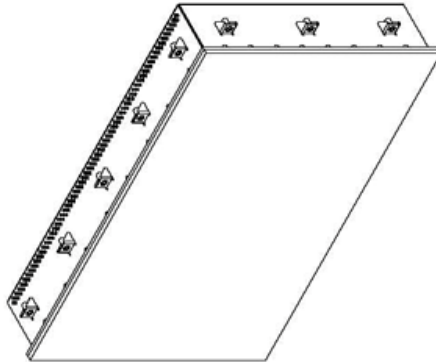
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General Assembly & Dimensions



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