

DATA SHEET

Manufacturer: Leadway Technology

Product : 12.1 inch Panelmount Monitor (YAMO120)

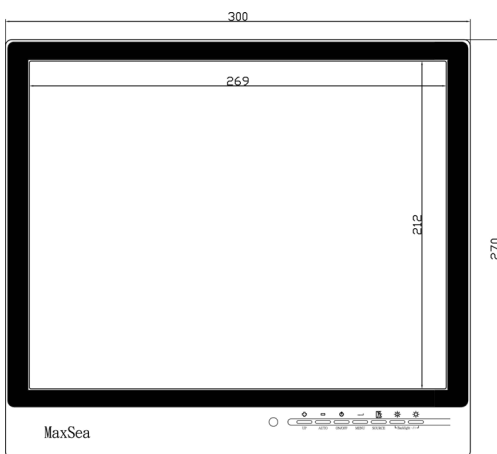
12.1 inch Panelmount Monitor (YAMO120)

Features

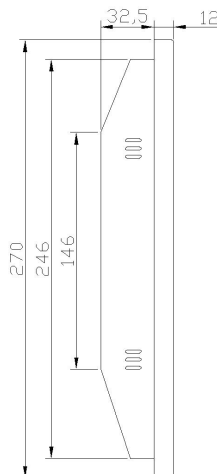
- 12.1" TFT 450 nits high brightness XGA LCD
- The front is always IP65 protected
- Wide viewing angle (160/160)
- High contrast ratio (700 : 1)
- The brightness is adjustable from 5 to 100%
- The YAMO120 have DVI-D Input, RGB Input, RS232 Input.

Mechanical

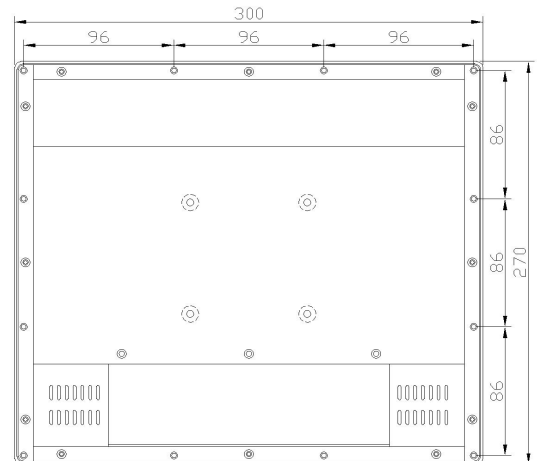
FRONT VIEW



SIDE VIEW



BACK VIEW

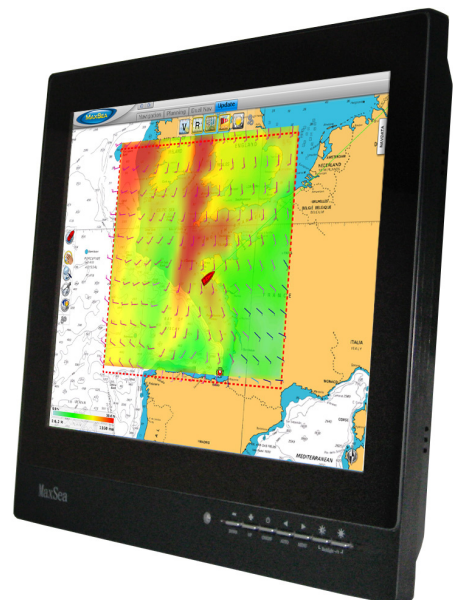
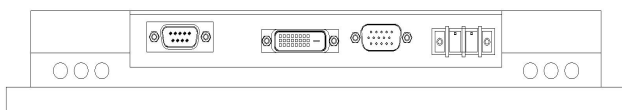


Due to dimensions without decimals, the tolerance on drawings is +/- 1mm (For accurate measurements,

TOP VIEW



BOTTOM VIEW



PRODUCT SPECIFICATIONS

TECHNICAL DESCRIPTION

TFT Technology:

- 12 inch viewable image size
- LPTS Thin Film Transistor (TFT) active matrix

TFT Characteristics:

- Pixel Number : 1024 x 768 (XGA)
- Pixel Pitch : 0.240(H) x 0.240(V) mm
- Aspect Ratio : 4:3
- Response Time : 25ms (typical), "rising" to "falling"
- Contrast Ratio : 700:1 (typical)
- Light Intensity : 450cd/m² (typical)
- Viewable Angle : 80° (UP/Down) / 80° (Right/Left) (Typ)
- Active Display Area : 245.76(H) x 184.32(V) mm
- Max Colors : 262,44 (6-bit color)

Synchronisation:

- Auto detects VGA>XGA
- Support for Sync-on-Green (SOG)
- RGB input current : 0-0.7 V with 75 Ohm
- Supports up to 165MHZ

Supported Signal Inputs:

Resolutions:

- VGA : 640 x 480
- SVGA : 800 x 600
- XGA : 1024 x 768 ※

※ Recommended for optimum picture quality

Power Specifications:

Power Supply Options:

- 9 / 36 VDC

Power Consumption :

- Operating : 30W (max)

MECHANICAL DESCRIPTION

Physical Dimensions:

- 300 (W) x 270 (H) x 44.5 (D)
- Weight : 3.71kg

Input Signal Terminal:

- RGB(PC) signal : 15 pin mini D-SUB Connector
- DVI (PC) signal : DVI-D Input 24pin Connector
- Serial Ports signal : RS232 Connector For Brightness/buzzer Control
- DC Power signal : DC POWER Terminal

User Controls (in front):

- On Screen Display control (OSD)
- Brightness Control

Environmental Considerations:

Operating:

- Temperature 0 deg. °C to +60 deg. °C
- Humidity 8% to 95%

Storage:

- Temperature -20 deg. °C to +60 deg. °C
- Humidity 8% to 95%

Safety Considerations:

Even although the test conditions for bridge units provide for a maximum operating temperature of 60°C, continuous operation of all electronic components should, if possible, take place at ambient temperatures of only 25°C. This is a necessary prerequisite for long life and low service costs.

