

DATA SHEET

Manufacturer: Leadway Technology

Product : 15 inch PanelMount Monitor (YAM0150)

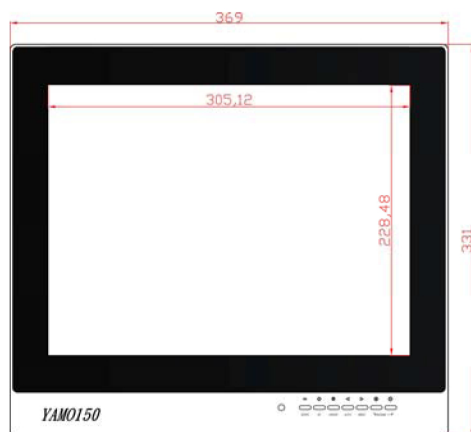
15 inch Panelmount Monitor (YAM0150)

Features

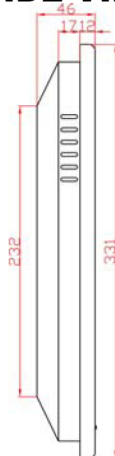
- 15" TFT 450 nits high brightness XGA LCD
- IP65 protected (FRONT)
- Wide viewing angle (160/160)
- High contrast ratio (700 : 1)
- The brightness is adjustable from 1 to 100%
- DVI-D Input, RGB Input, Video(BNC, Optional), RS232 control for Brightness/Alarm.

Mechanical

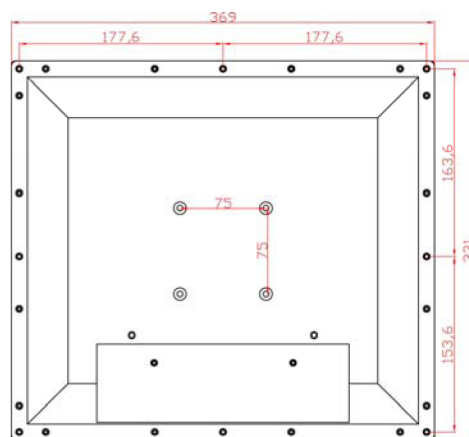
FRONT VIEW



SIDE VIEW

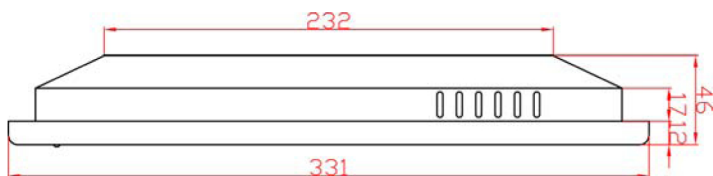


BACK VIEW

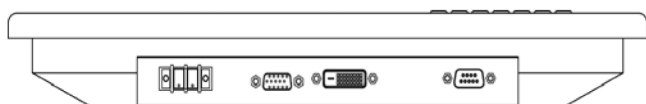


Due to dimensions without decimals, the tolerance on drawings is +/- 1mm (For accurate measurements, measure in AutoCAD)

TOP VIEW



BOTTOM VIEW



PRODUCT SPECIFICATIONS

TECHNICAL DESCRIPTION

TFT Technology:

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

TFT Characteristics:

- Pixel Number : 1024 x 768 (XGA)
- Pixel Pitch : 0.297(H) x 0.297(V) mm
- Aspect Ratio : 4:3
- Response Time : 17ms (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 : 304.128(H) x 228.096(V) mm
- Max Colors : 16.2M colors

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 :

- wide range input from 9VDC to 36VDC

Power Consumption :

- Operating : 35W (max)

MECHANICAL DESCRIPTION

Physical Dimensions:

- 369 (W) x 331 (H) x 46 (D)
- Weight : 4.8kg

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.

