

# DATA SHEET

Manufacturer: Leadway Technology

Product: 15 inch Multi Display ( Dim150 )

## 15 inch Multi Display ( Dim150 )

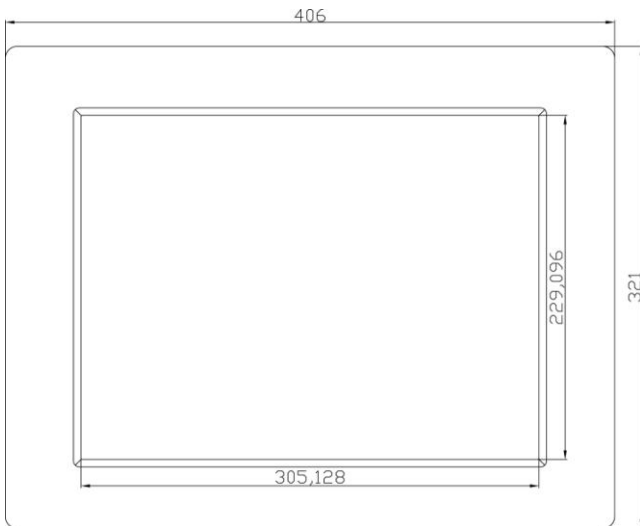
### Features

The color display described in this Data Sheet is an industrialized version of a high quality CHIMEI TFT Display. The Dim150 allows you to display professional applications with clarity and enhanced color and image quality.

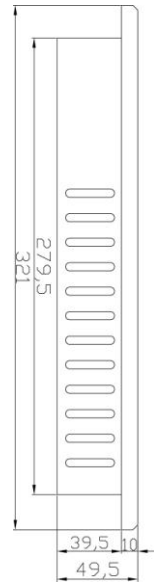
The Dim150 have DVI-I Input, RGB Input, Touch Screen for USB Driver.

### Mechanical Drawing

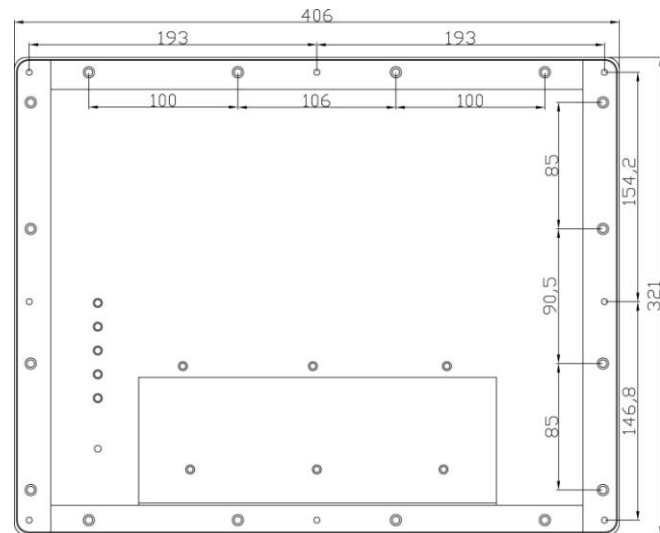
**FRONT VIEW**



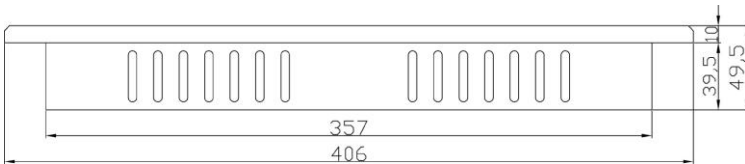
**SIDE VIEW**



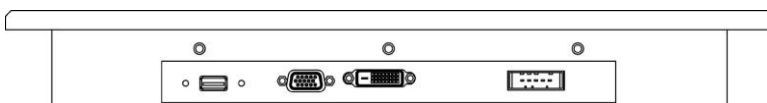
**BACK VIEW**



**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      : 25ms (typical)
- Contrast Ratio      : 700:1 (typical)
- Light Intensity     : 400cd/m<sup>2</sup> (typical)
- Viewable Angle     : 160/140. (typical)
- Active Display Area : 304.1(H) x 228.1(V)mm
- Max Colors         : 16.2 millions (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 : 20W (max)

### MECHANICAL DESCRIPTION

#### Physical Dimensions:

- 406 (W) x 321 (H) x 49.5 (D)
- Weight: 10.2kg

#### Input Signal Terminal:

- RGB (PC) signal   : 15 pin mini D-SUB Connector
- DVI (PC) signal   : DVI-D Input 24pin Connector
- USB Ports signal   : USB Connector For TouchScreen
- DC Power signal   : AMPD-3100 Connector

#### User Controls:

- On Screen Display control (OSD)

#### 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.