

PDS-1502 系列

15" 平板显示器

15" Flat LCD Display

Version: A0

Announcement

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Safety Instructions

1. Please carefully read the users' manual before handling the product;
2. Please do not use the display with power supply exceeding the specified range; improper voltage may cause failure and even the danger of fire or electric shock;
3. Please do not use the display with the cover open;
4. Please do not insert anything into the display;
5. Please do not touch the plug with damp hands;
6. Please do not install the display where temperature might change suddenly, or with great humidity, dust or smog;
7. Please ensure excellent heat dispersion and ventilation for system;
8. Before connecting the display with the PC, please power off the PC and the display;
9. Before moving the display, please make sure it is powered off and the display plug and the signal cable are removed.

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Chapter 1 Product Introduction

Overview

PDS-1502 series display is a sort of 15" LCD flat display, which is planned and developed to meet the market requirement. It adopts 15" AU LCD display and adds optional touch screen function. It possesses functions like screen luminance, contrast adjustment and menu function. The way of installation is compatible with panel style, wall-mounted style and VESA standard supporting arm, etc.

PDS-1502 series display is a sort of industrial level flat display with high performance price ratio, which could be widely used in fields like telecommunication, electric power, multimedia, national defense, industrial automation device and manufacturing as monitoring devices.

Environment and Mechanical Dimensions

- Dimension: 400mm (L) × 300mm (W) × 40mm (H)
- Operating Temperature: 0°C ~ 50°C
- Relative Humidity: 5% ~ 95%, 40°C (non-condensing)
- Storage Temperature: -20°C ~ +60°C

EMC Compliance

- Limit of radio disturbance is compliant with GB9254-1998, class A;
- Immunity to disturbance is compliant with the limits of GB/T17618.

Reliability

- MTBF≥5000h;
- MTTR≤0.5h.

Safety

- Meet the requirement of GB4943.

Environmental and Mechanical Adaptability

- Anti-vibration: amplitude 5-19Hz/1.2mm; acceleration 19-200Hz/1.2g peak-to-peak acceleration;
- Anti-shock: 15g peak-to-peak acceleration, duration 11ms.

Requirements of Transportation and Storage

● Transportation

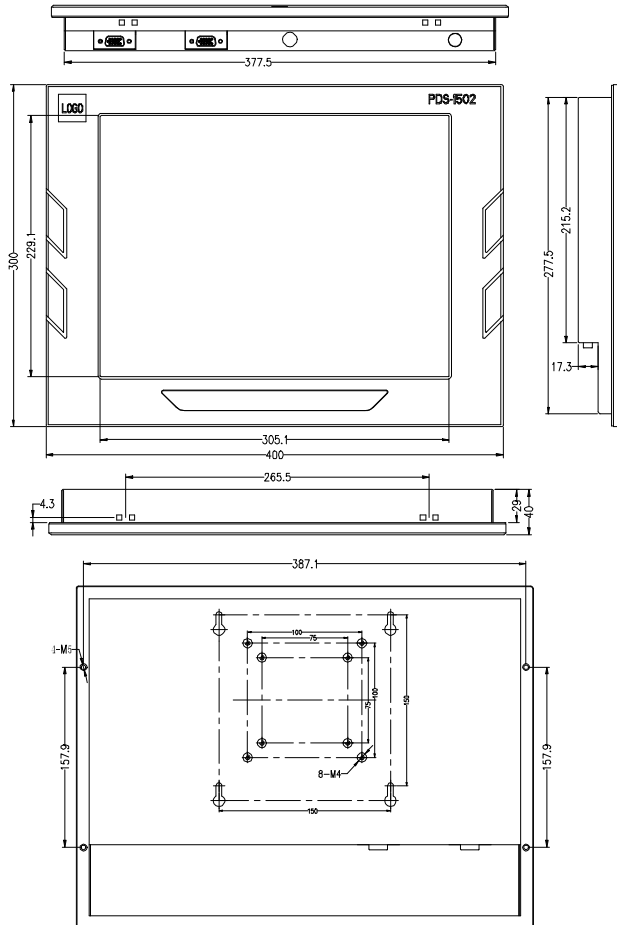
Well-packaged products suit for transportation by truck, ship, and plane. During transportation, products should not be put in open cabin or carriage. When transshipping in route, products should not be stored in the open without protection from the atmospheric conditions. Products should not be transported together with inflammable, explosive and corrosive substances and are not allowed to be exposed to rain, snow and liquid substances and mechanical force.

● Storage

Products should be stored in package box when it is not used. And warehouse temperature should be 0°C ~ 40°C, and relative humidity is 35%~85%. In the warehouse, there should not be harmful gas, inflammable, explosive products, and corrosive chemical products, and strong mechanical vibration, shock and strong magnetic field affection. The package box should be over ground at least 10cm height, and 50cm away from wall, thermal source, and vent.

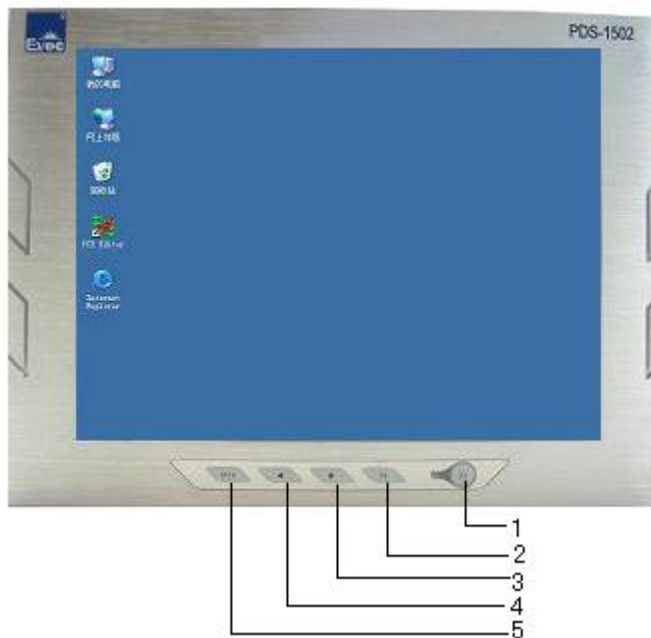
Chapter 2 Installation

Product Outline



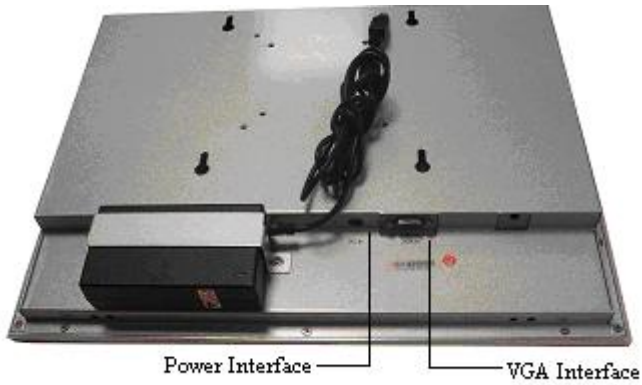
Unit: mm

Product Appearance



Front View for PDS-1502 External Controlling Interface

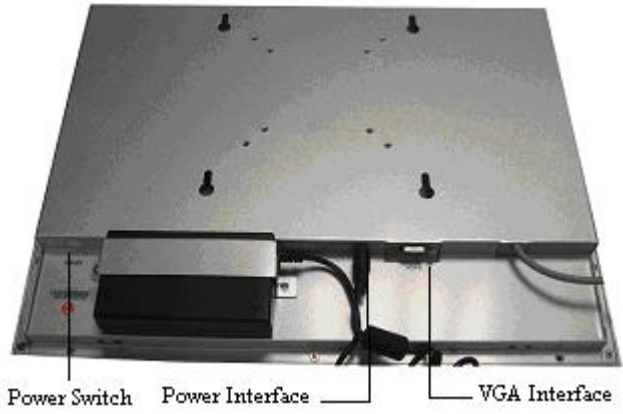
1. Power Indicator/Switch
2. Menu/Selection
3. Contrast
4. Luminance
5. Auto Adjust/ Exit



Rear Interfaces for PDS-1502



Front View for PDS-1502-L









Rear Interfaces for PDS-1502-L

Chapter 3 Instructions

OSD Adjustment

1. Press OK to activate OSD window.
2. Press <or> to browse the functions. If you want to highlight the adjusted function, press OK to activate the menu. If there are submenus included in the chosen function, press <or> again to browse the functions of the submenu.
3. Press <or> to modify the setting for the chosen function.
4. To exit or save, please choose “Off” function. If you want to adjust any other functions, please repeat step 2-3.

Instructions for Function Control

Items for Main Menu	Icons of Main Menu	Items for Submenu	Instructions
Color Adjustment		1. Contrast	Adjust the contrast/backlight/luminance/color/temperature of the digital recorder
		2. Luminance	
		3. Color Temperature	
		4. Color Standard	
		5. Off	
Image Adjustment		1. Horizontal Position	Adjust the horizontal position/vertical position/focus/time sequence of the picture
		2. Vertical Position	
		3. Phase Position	
		4. Clock	
		5. Off	
Automatic Adjustment		1. Automatic Color	Automatically adjust the image/color
		2. Automatic Image	
		3. Off	
Menu Adjustment		1. Language Selection	Select the display language of OSD menu
		2. Horizontal Position of the Menu	
		3. Vertical Position of the Menu	
		4. Menu Time	
		5. Off	
Others		1. Image Selection	Select the picture resolution
		2. Off	
Off		None	Exit OSD

Specifications

LCD Panel	Display Device	TFT Color LCD
	Dimension	38.1 cm (15 inch)
	Dot Pitch	0.297mm × 0.297mm
Input	Video Frequency	Red, blue and green analog interface
	Frequency	60Hz - 75Hz
Maximum Resolution	1024 × 768	
Displaying Color	16.7M colors	
Power Consumption	11.5 W (Typ.) @6.5mA	
Input Connector	D-type 15-pin connector	
Power Supply	100~240V, 50~60Hz	
Environment Temperature and Humidity	Operating Temperature: 0°C ~ +50°C	
	Storage Temperature: -20°C ~ +60°C	
Net Weight	5kg	
Dimensions of the Box PC	400mm (L) × 300mm (W) × 40mm (H)	

Please visit our website <http://www.evoc.com> for more information.