

VSDISPLAY VS170ZJ01

VSDISPLAY 17 Inch 1280x1024 High Brightness LCD Monitor

Model: VS170ZJ01

Brand: VSDISPLAY

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your VSDISPLAY 17 Inch 1280x1024 High Brightness LCD Monitor. Please read these instructions carefully before installation and use, and retain them for future reference. This monitor is designed for various applications, including industrial, gaming, and DIY projects, offering high brightness and multiple connectivity options.

2. SAFETY INFORMATION

- Ensure the monitor is placed on a stable surface to prevent accidental falls.
- Use only the power adapter supplied with the monitor. Using an incorrect adapter may cause damage or fire.
- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Avoid blocking ventilation openings to prevent overheating.
- Do not attempt to open the monitor casing. Refer all servicing to qualified personnel.
- Disconnect the power cable before cleaning or if the monitor will not be used for an extended period.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- VSDISPLAY 17 Inch LCD Monitor
- Power Adapter
- Metal Mounting Brackets (2 pieces)



Shipping list



Image: Contents of the shipping package, including the power adapter and two metal mounting brackets.

4. PRODUCT OVERVIEW

4.1 Key Features

- **Screen Size:** 17 Inches
- **Resolution:** 1280x1024 (SXGA)
- **Brightness:** 1000 nits (cd/m²)
- **Aspect Ratio:** 4:3
- **Contrast Ratio:** 800:1
- **Refresh Rate:** 60 Hz
- **Display Type:** LCD
- **Viewing Angle:** 70 Degrees
- **Interfaces:** DVI, VGA
- **Mounting:** VESA compatible (75x75mm and 100x100mm), includes embedded ears and metal brackets for various installations.

INDUSTRIAL MONITOR



HD RESOLUTION



METAL HOUSING



24 HOUR CYCLE

Image: Front and side profile of the VSDISPLAY 17 inch industrial monitor, highlighting its robust design and integrated mounting points.

FULL VIEWING ANGLE



Image: The monitor showcasing its wide viewing angle capabilities, ensuring clear visibility from multiple perspectives.

4.2 Ports and Controls

The rear panel of the monitor features various input ports and control buttons:

MULTI-INTERFACE EXPANSION



Image: Detailed view of the monitor's rear panel, indicating the location of all input/output ports and control buttons.

- **Power Supply:** Connect the provided 12V power adapter here.
- **HD (HDMI):** High-Definition Multimedia Interface input.
- **DVI:** Digital Visual Interface input.
- **VGA:** Video Graphics Array input.
- **Audio:** 3.5mm audio output jack.
- **USB:** USB port for connectivity.
- **Control Buttons:** ON/OFF, RIGHT, MENU, EXIT/SELECT, LEFT, AUTO. These buttons are used to navigate the On-Screen Display (OSD) menu and adjust settings.

5. SETUP

5.1 Connecting the Monitor

1. **Power Connection:** Connect the power adapter to the 'Power Supply' port on the monitor and then plug it into a power outlet.
2. **Video Connection:** Connect your source device (e.g., PC, industrial controller) to the monitor using

either a DVI or VGA cable. Ensure the cable is securely fastened. If your source uses HDMI, use the HD port.

3. **Audio Connection (Optional):** If you wish to output audio from the monitor, connect external speakers or headphones to the 'Audio' jack.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Press the **ON/OFF** button located on the rear panel to power the monitor on or off.

6.2 Using the OSD Menu

The On-Screen Display (OSD) menu allows you to adjust various display settings.

1. Press the **MENU** button to open the OSD menu.
2. Use the **LEFT** and **RIGHT** buttons to navigate through menu options.
3. Press the **EXIT/SELECT** button to select an option or confirm a setting.
4. Use the **LEFT** and **RIGHT** buttons to adjust values within a selected option.
5. Press the **MENU** button again or **EXIT/SELECT** to exit the current submenu or the OSD menu entirely.
6. The **AUTO** button can be used for automatic image adjustment, especially with VGA input, to optimize display settings.

Common OSD settings include Brightness, Contrast, Input Source Selection, Color Temperature, and Aspect Ratio.

7. MOUNTING INSTRUCTIONS

The VSDISPLAY monitor supports various installation methods, including VESA wall/desk mounting and using the included metal brackets.

7.1 VESA Mounting

The monitor features standard VESA mounting holes (75x75mm and 100x100mm) on its rear panel, allowing compatibility with VESA-compliant mounts (not included).

7.2 Using Included Metal Brackets

The monitor comes with embedded ears and separate metal brackets for flexible installation. Follow these steps to attach the brackets:

1. Align the metal brackets with the screw holes on the sides of the monitor's frame.
2. Secure the brackets using appropriate screws (not explicitly listed as included, but implied by the image).
3. Once attached, the brackets provide additional mounting points for integration into industrial enclosures or custom setups.



Image: Step-by-step visual guide for attaching the metal mounting brackets to the monitor's frame.

PRODUCT SIZE

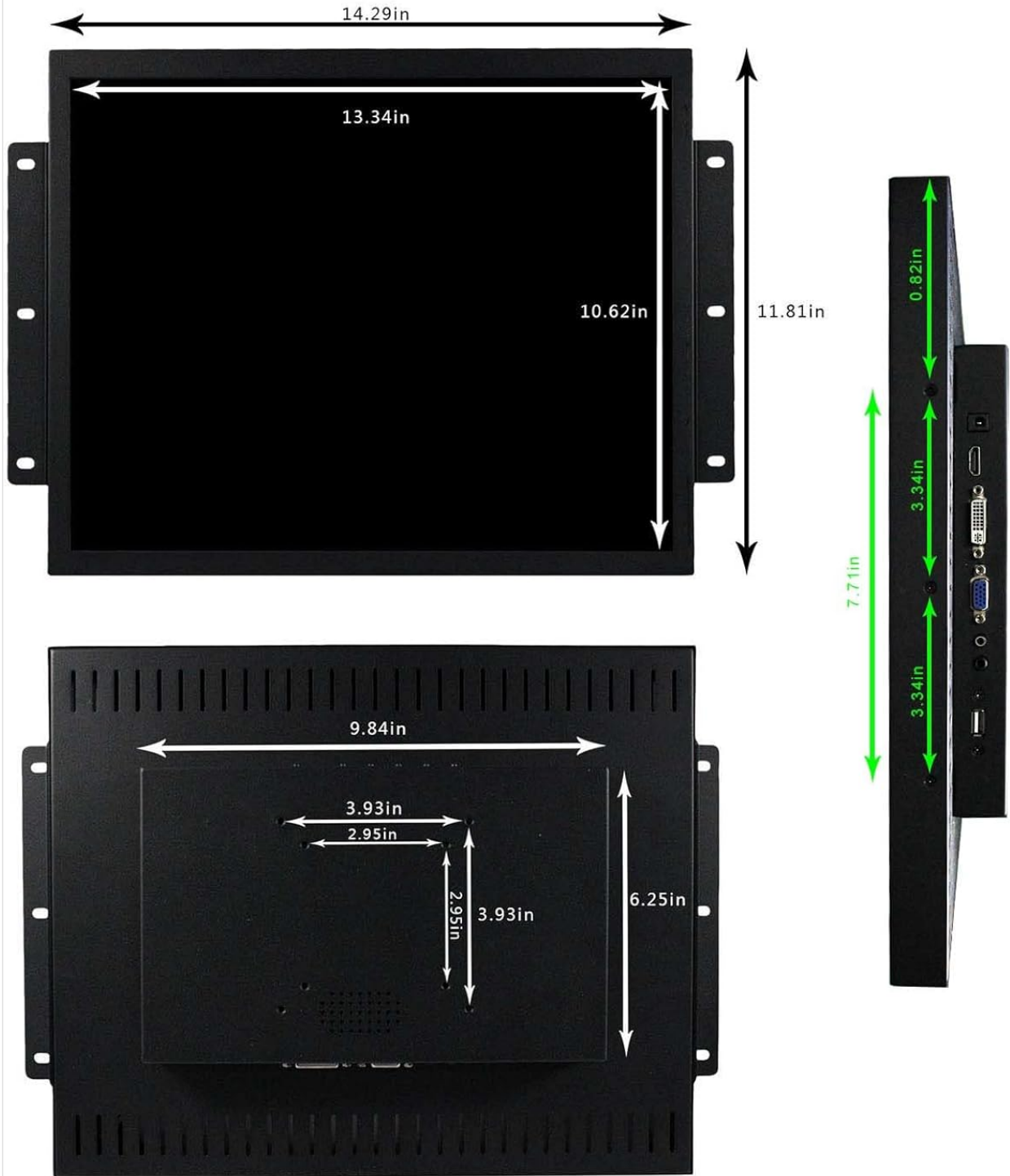


Image: Dimensional drawing of the monitor, including screen size and mounting hole measurements for precise installation planning.

8. SPECIFICATIONS

Feature	Specification
Brand	VSDISPLAY
Model Number	VS170ZJ01

Feature	Specification
Screen Size	17 Inches
Resolution	1280 x 1024 (SXGA)
Aspect Ratio	4:3
Brightness	1000 cd/m2 (Nits)
Contrast Ratio	800:1
Refresh Rate	60 Hz
Response Time	30 Milliseconds
Display Type	LCD
Viewing Angle	70 Degrees
Video Inputs	DVI, VGA, HD (HDMI)
Audio Output	Earphone Jack
Mounting Type	Wall Mount (VESA 75x75mm, 100x100mm), Embedded Ears, Metal Brackets
Power Input	12 Volts
Screen Surface	Matte
Item Dimensions (Approx.)	14.29"W x 11.81"H (Overall), 0.82"D (Thickness)

9. TROUBLESHOOTING

9.1 No Image on Screen

- Ensure the monitor is powered on and the power adapter is securely connected.
- Check that the video cable (DVI, VGA, or HDMI) is firmly connected to both the monitor and the source device.
- Verify that the correct input source is selected on the monitor using the OSD menu.
- Test the monitor with a different video cable or source device if possible.

9.2 Image is Distorted or Unclear

- For VGA connections, press the **AUTO** button on the rear panel to perform an automatic image adjustment.
- Adjust the Brightness and Contrast settings in the OSD menu.
- Ensure the display resolution on your source device is set to the monitor's native resolution (1280x1024).

9.3 No Sound (if using audio output)

- Check that external speakers or headphones are properly connected to the audio output jack.
- Ensure the volume on your source device and external audio equipment is not muted or set too low.

10. MAINTENANCE

10.1 Cleaning the Screen

Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth slightly with water or a non-abrasive screen cleaner. Do not spray liquid directly onto the screen.

10.2 Cleaning the Casing

Use a soft, dry cloth to wipe the monitor casing. Avoid using strong detergents or abrasive cleaners.

10.3 Storage

If storing the monitor for an extended period, disconnect it from power, pack it in its original packaging (if available), and store it in a cool, dry place away from direct sunlight and extreme temperatures.

11. WARRANTY AND SUPPORT

All VSDISPLAY products are tested before packaging and shipment. If you encounter any problems with your product, please contact VSDISPLAY customer support for assistance. Please refer to your purchase documentation for specific warranty terms and conditions.