

## DAHUA DHI-LM32-E230CN-A5-V1

# DAHUA 32-inch Curved VA165 Hz Monitor DHI-LM32-E230CN-A5-V1 User Manual

Model: DHI-LM32-E230CN-A5-V1

## 1. INTRODUCTION

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Thank you for choosing the DAHUA DHI-LM32-E230CN-A5-V1 32-inch Curved VA165 Hz Monitor. This manual provides essential information for the safe and efficient use of your new monitor. Please read it thoroughly before installation and operation, and retain it for future reference.

This monitor is designed to deliver a high-quality visual experience with its 1920 x 1080p resolution, 1500R curvature for immersive viewing, and a fast 165 Hz refresh rate. It features a 1ms response time to minimize motion blur and supports a wide color gamut (99% sRGB, 85% NTSC, 85% DCI-P3, 85% Adobe RGB) for accurate color reproduction. Connectivity options include DisplayPort 1.4 and HDMI 2.0, and adaptive sync technology is integrated for tear-free gaming and smooth video playback.



Figure 1: Front view of the DAHUA DHI-LM32-E230CN-A5-V1 monitor.

## 2. SAFETY INFORMATION

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Please observe the following safety precautions to ensure safe operation and prolong the life of your monitor:

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter and cables provided or recommended by the manufacturer.
- Disconnect the power cable from the outlet if the monitor will not be used for an extended period.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified personnel.
- Avoid placing heavy objects on the power cord or monitor.
- Clean the monitor screen with a soft, lint-free cloth. Do not use liquid cleaners directly on the screen.

### 3. PACKAGE CONTENTS

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Please check the package contents upon unpacking. If any items are missing or damaged, contact your retailer.

- DAHUA DHI-LM32-E230CN-A5-V1 Monitor
- Monitor Stand (Base and Neck)
- Power Cable
- DisplayPort Cable
- User Manual (this document)

### 4. SETUP

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#### 4.1 Assembling the Stand

1. Carefully remove the monitor from its packaging, keeping it protected on a soft surface.
2. Attach the stand neck to the monitor panel. Ensure it clicks securely into place or is fastened with screws if applicable (refer to specific diagrams in the physical manual).
3. Attach the stand base to the stand neck, securing it with the provided screw.
4. Place the assembled monitor on a stable, flat surface.

#### 4.2 Connecting Cables

Ensure the monitor and your computer are powered off before making any connections.

1. **Power Connection:** Connect the power cable to the monitor's power input, then plug the other end into a grounded electrical outlet.
2. **Video Connection:** Connect one end of the DisplayPort cable to the DisplayPort output on your computer's graphics card and the other end to the DisplayPort input on the monitor. Alternatively, use an HDMI cable to connect to the HDMI 2.0 input.
3. **Audio (Optional):** If your monitor has an audio output, you can connect external speakers or headphones.



Figure 2: Rear view of the monitor with input ports.

## 4.3 Powering On

After connecting all necessary cables, power on your computer, then press the power button on the monitor. The monitor should automatically detect the input signal.

## 5. OPERATING INSTRUCTIONS

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### 5.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Typically, buttons are located on the back or bottom edge of the monitor.

- Press the **Menu** button to open the OSD.
- Use the navigation buttons (usually directional arrows) to move through menu options.
- Press the **Enter** or **OK** button to select an option or confirm a setting.
- Press the **Exit** button to close the OSD or go back to the previous menu.

### 5.2 Display Settings

- **Resolution:** The native resolution is 1920 x 1080p. For optimal image quality, set your computer's display resolution to this setting.
- **Refresh Rate:** This monitor supports up to 165 Hz. Ensure your graphics card and operating system are configured to use the highest refresh rate for the smoothest experience.
- **Adaptive Sync:** This feature synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering. Enable this feature in the OSD menu and your graphics card control panel.

- **Color Gamut:** The monitor supports 99% sRGB, 85% NTSC, 85% DCI-P3, and 85% Adobe RGB. Adjust color settings in the OSD or through your graphics card software to match your preferences or professional requirements.
- **Response Time:** The monitor features a fast 1ms response time. This setting is usually optimized by default but can sometimes be adjusted in the OSD for specific use cases.



*Figure 3: Side view of the monitor.*

## 6. MAINTENANCE

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### 6.1 Cleaning the Monitor

To clean your monitor, follow these steps:

1. Turn off the monitor and unplug the power cord.
2. Use a soft, lint-free cloth (e.g., microfiber cloth) to gently wipe the screen and exterior surfaces.

- 3. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Do not spray liquid directly onto the screen.
- 4. Allow the monitor to dry completely before plugging it back in and powering it on.

**Caution:** Do not use alcohol, ammonia-based cleaners, or abrasive materials, as these can damage the screen surface.

## 7. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet faulty; Monitor power button off.	Check power cable connections; Test outlet with another device; Press monitor power button.
No signal	Video cable not connected; Incorrect input source selected; Computer not powered on.	Check video cable connections; Select correct input source via OSD; Ensure computer is on.
Image flickering or distorted	Incorrect resolution/refresh rate; Faulty video cable; Graphics driver issue.	Set to native resolution (1920x1080p) and 165Hz; Try a different video cable; Update graphics drivers.
Colors appear incorrect	Color settings misconfigured; Faulty video cable.	Adjust color settings in OSD; Try a different video cable.

## 8. SPECIFICATIONS

Feature	Specification
Brand	Dahua
Model Number	DHI-LM32-E230CN-A5-V1
Screen Size	31.5 inches
Resolution	1920 x 1080p
Panel Type	VA
Refresh Rate	165 Hz
Curvature	1500R
Response Time	1 ms
Color Gamut	99% sRGB, 85% NTSC, 85% DCI-P3, 85% Adobe RGB
Viewing Angle	178° (H) / 178° (V)
Video Inputs	1 x DisplayPort 1.4, 1 x HDMI 2.0
Adaptive Sync	Supported

Feature	Specification
Manufacturer	DAHUA

## 9. WARRANTY AND SUPPORT

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For warranty information, please refer to the warranty card included with your product or visit the official DAHUA website. If you require technical support or have questions not covered in this manual, please contact DAHUA customer service or your authorized retailer.

Please have your monitor model number (DHI-LM32-E230CN-A5-V1) and serial number ready when contacting support.