

Z Z-EDGE U28I4K

Z-Edge U28I4K 4K 144Hz IPS Monitor User Manual

Model: U28I4K

INTRODUCTION

Thank you for choosing the Z-Edge U28I4K 4K 144Hz IPS Monitor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new monitor. Please read it thoroughly to ensure optimal performance and longevity of your device.

The Z-Edge U28I4K is a 28-inch IPS monitor designed for exceptional visual clarity and smooth performance. Key features include:

- **Ultimately Clear 4K UHD Display:** Experience stunning 3840x2160 resolution with enhanced color accuracy and contrast for vibrant, realistic visuals.
- **Smooth 144Hz Refresh Rate & 1ms MPRT:** Enjoy fluid motion and minimal blur, ideal for fast-paced gaming and video streaming.
- **Advanced IPS Panel:** Provides a wide 178° panoramic viewing angle, ensuring consistent and accurate colors from all perspectives.
- **Versatile Connectivity:** Equipped with two HDMI inputs and two DisplayPort (DP) ports, supporting 4K UHD resolution at 144Hz across all ports.
- **Ergonomic and Future-Proof Design:** Features a 100x100mm VESA mount compatibility for flexible installation and an ultra-thin bezel for an immersive viewing experience.

SETUP GUIDE

1. Unpacking and Assembly

Carefully remove all components from the packaging. Ensure all parts are present before proceeding with assembly.

Attach the monitor stand to the display panel. Refer to the quick start guide included in the box for detailed assembly instructions. The monitor also supports VESA 100x100mm mounting for wall or arm installation.

2. Connecting Your Monitor

The Z-Edge U28I4K monitor offers multiple input options for connecting to your devices. Ensure your device is powered off before making connections.

- **HDMI:** Connect an HDMI cable from your computer or other device to one of the two HDMI 2.1 ports on the monitor. These ports support 4K UHD at up to 144Hz.
- **DisplayPort (DP):** Connect a DisplayPort cable from your computer to one of the two DP 1.4 ports on the monitor. These ports also support 4K UHD at up to 144Hz.
- **Power:** Connect the power adapter to the DC 12V input on the monitor, then plug the adapter into a power outlet.
- **Audio Out:** Use the 3.5mm audio jack to connect external speakers or headphones.

DP 1.4+HDMI 2.1



					
DC 12V	HDMI 2/2.1 (Max.144Hz)	HDMI 1/2.1 (Max.144Hz)	DP 2/1.4 (Max.144Hz)	DP 1/1.4 (Max.144Hz)	Audio

Figure 1: Rear view of the monitor with available ports (DC 12V, HDMI 2.1, DP 1.4, Audio Out).



Figure 2: Front view of the Z-Edge U28I4K monitor, showcasing its ultra-thin bezel design.

Your browser does not support the video tag.

Video 1: An overview of the Z-Edge U28I4K 4K 144Hz IPS Monitor, demonstrating its features and design.

OPERATING YOUR MONITOR

1. Power On/Off

Press the power button, usually located on the bottom right side of the bezel, to turn the monitor on or off. The power indicator light will illuminate when the monitor is active.

2. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the navigation buttons (typically located near the power button) to access and navigate the menu.

- **Brightness/Contrast:** Adjust the display's luminance and contrast levels.
- **Color Settings:** Modify color temperature, gamma, and individual RGB levels.
- **Input Select:** Manually switch between HDMI and DisplayPort inputs.
- **Picture Mode:** Select from preset display modes optimized for different content (e.g., Standard, Game, Movie).
- **Refresh Rate:** Verify or set the refresh rate. For optimal performance, ensure your graphics card settings match the monitor's 144Hz capability.
- **Response Time:** Adjust the response time setting (MPRT).
- **FreeSync:** Enable or disable FreeSync for smoother gaming experiences with compatible graphics cards.

3. Display Features

The Z-Edge U28I4K monitor incorporates advanced display technologies for a superior viewing experience.



Figure 3: Visual comparison demonstrating the clarity of 4K UHD (3840x2160) resolution on the Z-Edge monitor compared to QHD and FHD.



Figure 4: The monitor's 144Hz refresh rate provides smoother motion, as shown in a gaming scenario.

1ms Response Time

Reduces Motion Blur for Sharper Images/Delivers
Exceptional Motion Performance

1^{MPRT}
ms

5^{ms}



Figure 5: The 1ms MPRT response time significantly reduces motion blur, delivering sharper images and exceptional motion performance.

Rich, photorealistic visuals with intricate detail and accurate color rendition

Z-EDGE



1000:1
Contrast ratio



16.7
Million Colors



300 cd/m²
Brightness



8Bit
8Bit

Figure 6: Rich, photorealistic visuals with intricate detail and accurate color rendition are achieved through a 1000:1 contrast ratio, 16.7 million colors, and 300 cd/m² brightness.

IPS technology + frameless design

Ensures true-to-life colors, wide angles,
and sleek borderless aesthetics



Figure 7: IPS technology combined with a frameless design ensures true-to-life colors, wide viewing angles, and a sleek, borderless aesthetic, ideal for multi-monitor setups.

Versatile design for all scenarios: Perfect for work, entertainment, and portable applications

Office/Business



Home Entertainment



Gaming

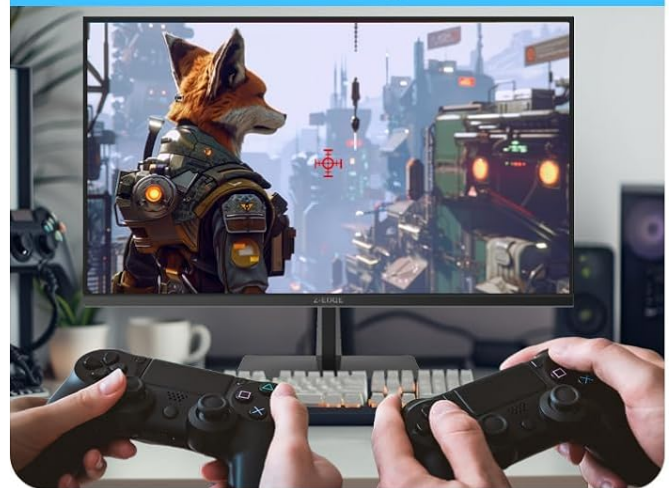


Figure 8: The versatile design of the monitor makes it perfect for various scenarios, including office work, home entertainment, and gaming applications.

Enhanced Eye Fatigue Relief

Delivers luxury eye health through cutting-edge filtration, ensuring crisp visuals without eye strain



Anti-blue light



Flicker-free



Anti-glare



Figure 9: Enhanced eye fatigue relief is provided through cutting-edge filtration, ensuring crisp visuals without eye strain, thanks to anti-blue light, flicker-free, and anti-glare technologies.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Z-Edge U28I4K monitor.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a non-ammonia, non-alcohol based screen cleaner. Never spray liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing. Avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure the ventilation openings on the monitor are not blocked. Proper airflow prevents overheating.
- **Storage:** If storing the monitor for an extended period, disconnect it from power and store it in a cool, dry place, preferably in its original packaging.

TROUBLESHOOTING

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

Problem	Possible Cause / Solution
No image on screen	Ensure the power cable is securely connected to the monitor and the power outlet. Verify the video cable (HDMI/DP) is firmly connected to both the monitor and your computer. Check if the correct input source is selected in the OSD menu. Ensure your computer is powered on and not in sleep mode.
Image is blurry or distorted	Adjust the resolution settings on your computer to match the monitor's native 3840x2160 (4K UHD) resolution. Check the video cable for damage or loose connections. Reset monitor settings to factory defaults via the OSD menu.
No sound from external speakers/headphones	Ensure speakers/headphones are properly connected to the monitor's audio out port. Check the volume settings on both the monitor and your computer. Verify that the audio output on your computer is set to the monitor or the correct audio device.
Cannot achieve 144Hz refresh rate	Ensure your graphics card supports 4K UHD at 144Hz via the connected port (HDMI 2.1 or DisplayPort 1.4). Update your graphics card drivers to the latest version. Check your computer's display settings to ensure the refresh rate is set to 144Hz. Use high-quality, certified HDMI 2.1 or DisplayPort 1.4 cables.

SPECIFICATIONS

Feature	Detail
Model Number	U28I4K
Screen Size	28 Inches
Panel Type	IPS
Resolution	3840x2160 (4K UHD)
Refresh Rate	144Hz
Response Time	1ms MPRT
Brightness	300 cd/m²
Aspect Ratio	16:9
Connectivity	2x HDMI 2.1, 2x DisplayPort 1.4, Audio Out (3.5mm)
VESA Mount Compatibility	100x100mm
Screen Surface	Anti-glare
Product Dimensions (with stand)	25.1 x 7.5 x 18.1 inches

Feature	Detail
Item Weight	13.17 pounds
Manufacturer	Z Z-Edge

WARRANTY AND SUPPORT

Z-Edge products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official Z-Edge website. Keep your purchase receipt as proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or any inquiries regarding your Z-Edge U28I4K monitor, please contact Z-Edge customer service. You can typically find contact information on the Z-Edge website or in your product's packaging.

Online Resources:

- Official Z-Edge Website: [Visit Z Z-EDGE Store on Amazon](#)

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question