Z-Edge UG34W

Z-Edge UG34W 34-inch UWQHD 165Hz IPS Ultrawide Gaming Monitor User Manual

Model: UG34W

INTRODUCTION

This manual provides essential instructions for the setup, operation, and maintenance of your Z-Edge UG34W 34-inch UWQHD 165Hz IPS Ultrawide Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper function and safety.

SAFETY INFORMATION

- Do not expose the monitor to rain or moisture to prevent fire or shock hazards.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Place the monitor on a stable, flat surface to prevent it from falling.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Disconnect the power cable during lightning storms or when unused for long periods.

PACKAGE CONTENTS

Verify that all components are present:

- Z-Edge UG34W Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- DisplayPort Cable
- User Manual (This document)
- Screws for Stand Assembly

1. Stand Assembly

1. Carefully remove the monitor from its packaging, keeping the screen protected.
2. Attach the stand neck to the monitor using the provided screws.
3. Attach the stand base to the stand neck and secure it with the designated screw. Ensure all screws are tightened to prevent instability.
4. Place the assembled monitor on a stable, flat surface.

Note: The monitor supports VESA mounting (75x75mm) for wall or arm mounting. Ensure the VESA mount is compatible and securely installed.

Figure 1: Front view of the Z-Edge UG34W monitor, highlighting its 34-inch IPS UWQHD (3440x1440) display with 165Hz refresh rate and 21:9 aspect ratio.

2. Connecting to Devices

Connect your devices to the monitor using the appropriate ports:

- **DisplayPort (DP1.4):** For optimal performance, including 165Hz refresh rate and FreeSync. Use the included DP cable.
- **HDMI (HDMI2.0):** Supports up to 100Hz refresh rate.
- **USB:** For connecting peripherals (functionality not detailed in provided data, assuming pass-through or service).
- **Audio Out:** Connect external speakers or headphones.
- **DC 12V Input:** Connect the power adapter.

Figure 2: Rear view of the monitor displaying the DC 12V input, USB port, HDMI 2.0, DisplayPort 1.4, and Audio Out ports, along with the 75x75mm VESA mounting points and RGB breathing light.

OPERATING INSTRUCTIONS

1. Power On/Off

Press the power button, usually located on the back or bottom of the monitor, to turn it on or off. The RGB breathing light will indicate power status.

2. On-Screen Display (OSD) Menu

Use the joystick or buttons (location varies by model, typically on the back or bottom right) to navigate the OSD menu. The OSD allows you to adjust various display settings.

3. Display Settings

- **Resolution:** The native resolution is 3440x1440. Ensure your connected device is set to this resolution for optimal clarity.
- **Refresh Rate:** Set your device's display settings to 165Hz when connected via DisplayPort for the smoothest experience. HDMI 2.0 supports up to 100Hz.
- **Color:** The IPS panel offers 8-bit color depth and 99% sRGB coverage. Adjust brightness (300 cd/m²) and contrast (1000:1) via the OSD for preferred visual output.
- **HDR Support:** The monitor supports HDR10. Enable HDR in your operating system settings for compatible content.

Figure 3: The monitor showcasing its IPS panel benefits, including 100% sRGB, 300 cd/m² brightness, and 1000:1 contrast ratio, with a vibrant image of a UFO over a landscape.

4. Gaming Features

- **Adaptive Sync (FreeSync):** This technology eliminates screen tearing and stuttering. Enable FreeSync in the OSD menu and on your graphics card settings for compatible GPUs.
- **Response Time:** The monitor features a 1ms MPRT response time for reduced motion blur.
- **Game Modes:** Access pre-set game modes (e.g., FPS, RTS) and a built-in crosshair via the OSD to optimize visuals for different game genres.

Figure 4: An image illustrating the 165Hz refresh rate and 1ms MPRT response time, with a dirt bike rider in motion.

5. Ultrawide Features (PIP & PBP)

The 21:9 ultrawide screen supports Picture-in-Picture (PIP) and Picture-by-Picture (PBP) functions, allowing you to display content from two separate input sources simultaneously.

- **PIP (Picture-in-Picture):** Displays a smaller window from a second source over the main display.
- **PBP (Picture-by-Picture):** Divides the screen into two equal halves, each displaying a separate input source.

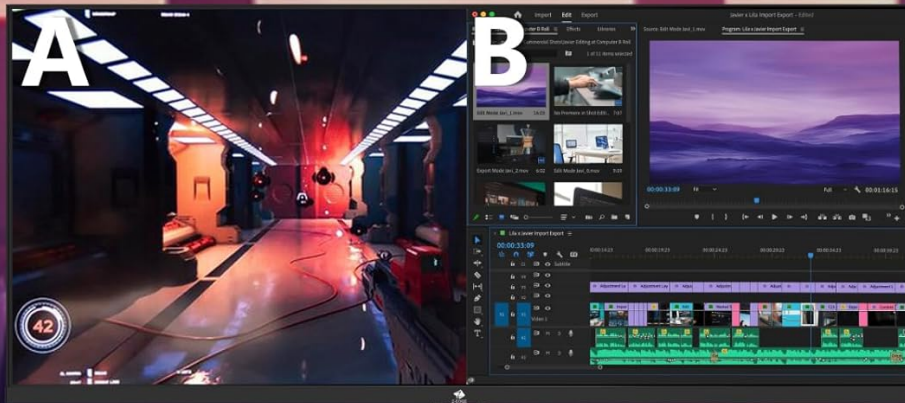Access and configure these modes through the OSD menu.

Figure 5: The monitor displaying content from two sources side-by-side (PBP mode), illustrating the split-screen functionality.

6. RGB Breathing Light

The monitor features dynamic RGB breathing lights on the rear. These can be customized or turned off via the OSD menu to suit your preference.

MAINTENANCE

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a monitor-specific cleaning solution applied to the cloth, not directly to the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid abrasive cleaners.
- **Storage:** If storing the monitor for an extended period, disconnect it from power, cover it to protect from dust, and store in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; input source not selected; device not powered on.	Check power connection; ensure input source is correctly selected via OSD; power on connected device.
Image is blurry or distorted	Incorrect resolution; cable not fully connected; graphics driver issue.	Set display resolution to 3440x1440; ensure display cable is securely connected; update graphics drivers.
Screen tearing or stuttering	Adaptive Sync (FreeSync) not enabled; refresh rate mismatch.	Enable FreeSync in OSD and graphics card settings; ensure refresh rate is set to 165Hz (DP) or 100Hz (HDMI).
No sound from audio out	External speakers/headphones not connected; audio output not selected on device.	Connect audio device; ensure audio output is set to the monitor on your computer/console.

SPECIFICATIONS

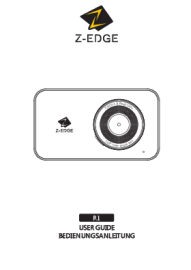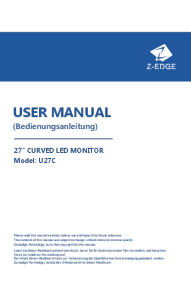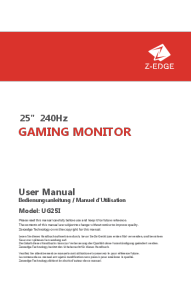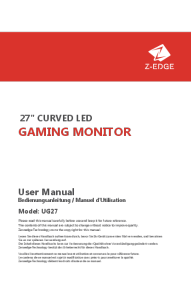|	
Model Number	UG34W
Screen Size	34 Inches
Panel Type	IPS
Resolution	3440 x 1440 (UWQHD)
Aspect Ratio	21:9
Refresh Rate	165 Hz (DisplayPort), 100 Hz (HDMI)
Response Time	1ms MPRT
Contrast Ratio	1000:1
Brightness	300 cd/m²
Color Depth	8-bit, 16.7 Million Colors
Color Gamut	99% sRGB (NTSC 72%)
Connectivity	2x DisplayPort 1.4, 1x HDMI 2.0, 1x USB, 1x Audio Out
VESA Compatibility	75x75mm
Special Features	FreeSync, HDR10 Support, PIP/PBP, Flicker-Free, Low Blue Light, RGB Breathing Light, Tilt Adjustable (-5° to 15°)
Power Consumption	48 Watt

WARRANTY AND SUPPORT

This Z-Edge monitor comes with a **1-year manufacturer's warranty**. For technical support, warranty claims, or

further assistance, please contact Z-Edge customer service through their official website or the retailer where the product was purchased.

Please retain your proof of purchase for warranty purposes.

Related Documents - UG34W

	Z-EDGE R1 Dash Cam User Guide Comprehensive user guide for the Z-EDGE R1 dash cam, detailing installation, features, operation, and troubleshooting for optimal vehicle safety and recording.
	Z-EDGE Customer Support and Warranty Information Thank you for choosing Z-EDGE. This document provides customer support contact information, warranty details, and information on how to extend your warranty and provide feedback for Z-EDGE products.
	Z-EDGE U27C User Manual: Comprehensive Guide for 27-Inch Curved LED Monitor Explore the Z-EDGE U27C 27-inch curved LED monitor with this detailed user manual. Find essential information on setup, operation, safety guidelines, troubleshooting tips, and product specifications from Z-EDGE.
	Z-EDGE UG25I 25-inch 240Hz Gaming Monitor User Manual User manual for the Z-EDGE UG25I 25-inch 240Hz gaming monitor, providing setup instructions, safety precautions, specifications, and troubleshooting guidance.
	Z-EDGE UG27 27" Curved LED Gaming Monitor User Manual Comprehensive user manual for the Z-EDGE UG27 27-inch curved LED gaming monitor, covering installation, operation, safety precautions, and troubleshooting.

[Z-EDGE Z3Pro Dash Cam User Guide - Features, Setup, and Operation](#)

Explore the Z-EDGE Z3Pro Dash Cam user manual. Learn about its features, installation steps, recording modes, WiFi connectivity, and troubleshooting tips for optimal vehicle security.