SANSUI ES-G24C1

SANSUI 24 Inch Curved Gaming Monitor ES-G24C1 Instruction Manual

Model: ES-G24C1

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your SANSUI 24 Inch Curved Gaming Monitor, model ES-G24C1. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

Image 1.1: Front view of the SANSUI ES-G24C1 Curved Gaming Monitor.

2. SAFETY INFORMATION

Observe the following safety precautions to ensure safe operation and to extend the lifespan of your monitor:

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Avoid placing the monitor in direct sunlight or near heat sources.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter and cables provided by the manufacturer.
- Disconnect the power cable from the outlet during lightning storms or when unused for extended periods.
- Do not attempt to repair the monitor yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- SANSUI 24 Inch Curved Gaming Monitor (ES-G24C1)
- Monitor Stand (Base and Neck)

- Power Adapter
- HDMI Cable (1.5m)
- User Manual (this document)

4. PRODUCT OVERVIEW

4.1. Monitor Features

The SANSUI ES-G24C1 monitor offers a range of features designed for an immersive viewing and gaming experience:

- **24 Inch Curved 1500R Display:** Provides an immersive viewing experience.
- **180Hz Refresh Rate:** Ensures smooth motion and reduced input lag.
- **MPRT 1ms Response Time:** Minimizes motion blur for clear visuals.
- **AMD FreeSync Support:** Synchronizes refresh rates to eliminate screen tearing and stuttering.
- **FHD 1080P Resolution:** Delivers crisp and clear images.
- **High Color Gamut:** 130% sRGB and 97% DCI-P3 for vibrant and accurate colors.
- **HDR Support:** Enhances contrast and color detail.
- **Built-in Speakers:** Two 2W speakers for integrated audio.
- **Eye Care Technologies:** Blue light reduction and flicker-free features to reduce eye strain.
- **VESA Mount Compatible:** Supports 75x75mm VESA mounting for alternative setups.
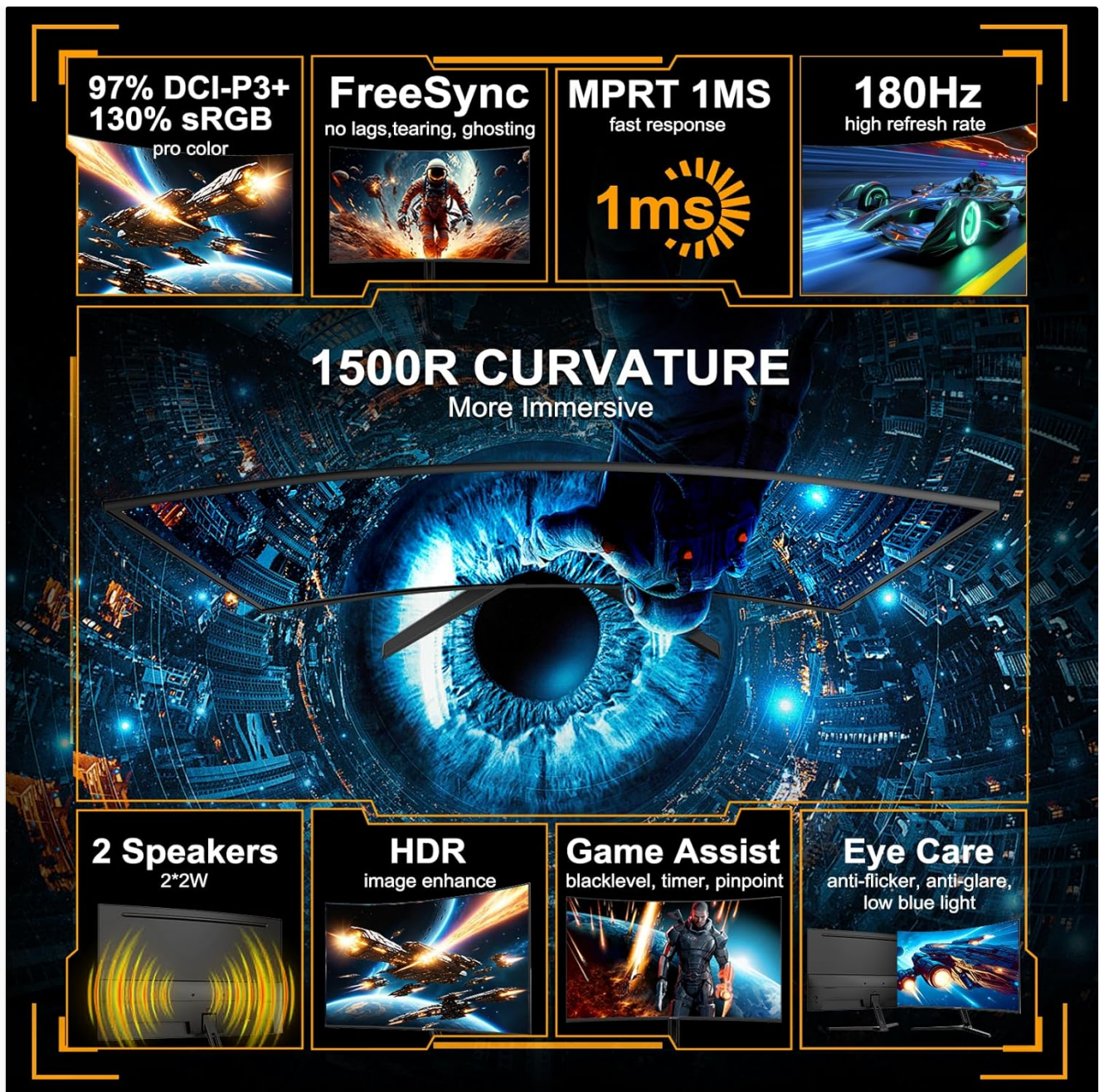
Image 4.1: Overview of key features including 1500R curvature, FreeSync, MPRT 1ms, 180Hz, speakers, HDR, Game Assist, and Eye Care.

4.2. Rear View and Control Buttons

The rear of the monitor houses the input/output ports and the control joystick for navigating the On-Screen Display (OSD) menu.

Image 4.2: Rear view showing multi-port connections and OSD control joystick.

Control Joystick Functions:

- **Press (Menu/Confirm):** Access the OSD menu or confirm a selection.
- **Up (Brightness):** Increase brightness or navigate up in the menu.
- **Down (Volume):** Decrease volume or navigate down in the menu.
- **Left (Increase/Contrast):** Increase contrast or navigate left in the menu.
- **Right (Decrease/Exit/Input Source):** Decrease a value, exit a menu, or change input source.
- **Power Button:** Standby/power off/on.

5. SETUP

5.1. Stand Assembly

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the monitor panel.
3. Secure the stand base to the stand neck.

4. Place the assembled monitor on a stable, flat surface.

5.2. Connecting the Monitor

Connect the monitor to your computer or other devices using the appropriate cables.

- **Power Connection:** Connect the power adapter to the monitor's DC input and then to a power outlet.
- **HDMI Connection:** Use the provided HDMI cable to connect the monitor's HDMI 1.4 port to your device's HDMI output. This supports up to 180Hz refresh rate.
- **DisplayPort (DP) Connection:** Use a DisplayPort cable (not included) to connect the monitor's DP 1.2 port to your device's DP output. This supports up to 180Hz refresh rate.
- **Audio Output:** Connect external speakers or headphones to the 3.5mm audio out port if desired.

5.3. VESA Mounting

The monitor supports VESA mounting standard 75 x 75mm. This allows you to mount the monitor on a compatible wall mount or desk arm (not included).

Image 5.1: Rear view highlighting VESA 75x75mm mounting points.

6. Operating Instructions

6.1. Power On/Off

Press the power button located on the rear of the monitor to turn it on or off. The monitor will enter standby mode when no signal is detected.

6.2. OSD Menu Navigation

Use the joystick on the rear of the monitor to navigate and adjust settings in the On-Screen Display (OSD) menu. Press the joystick to enter the menu, move it up/down/left/right to select options or adjust values, and move it right to exit.

6.3. Display Settings

- **Refresh Rate:** The monitor supports up to 180Hz refresh rate for fluid visuals. Ensure your graphics card and connection cable support this rate.

Image 6.1: Visual representation of 180Hz refresh rate and 1ms MPRT response time.

- **Response Time (MPRT 1ms):** This feature reduces motion blur. It can be enabled or disabled via the OSD menu.
- **Color and Brightness:** Adjust brightness, contrast, color temperature, and gamma settings to optimize your viewing experience. The monitor features 130% sRGB, 97% DCI-P3, 300 nits brightness, and a 3000:1 contrast ratio.

Image 6.2: Details on 130% sRGB, HDR, 300 Nits brightness, and 3000:1 contrast ratio.

- **HDR (High Dynamic Range):** Enable HDR in the OSD menu for enhanced contrast and color depth in compatible content.
- **Curvature (1500R):** The 1500R curved screen provides a more immersive field of view.
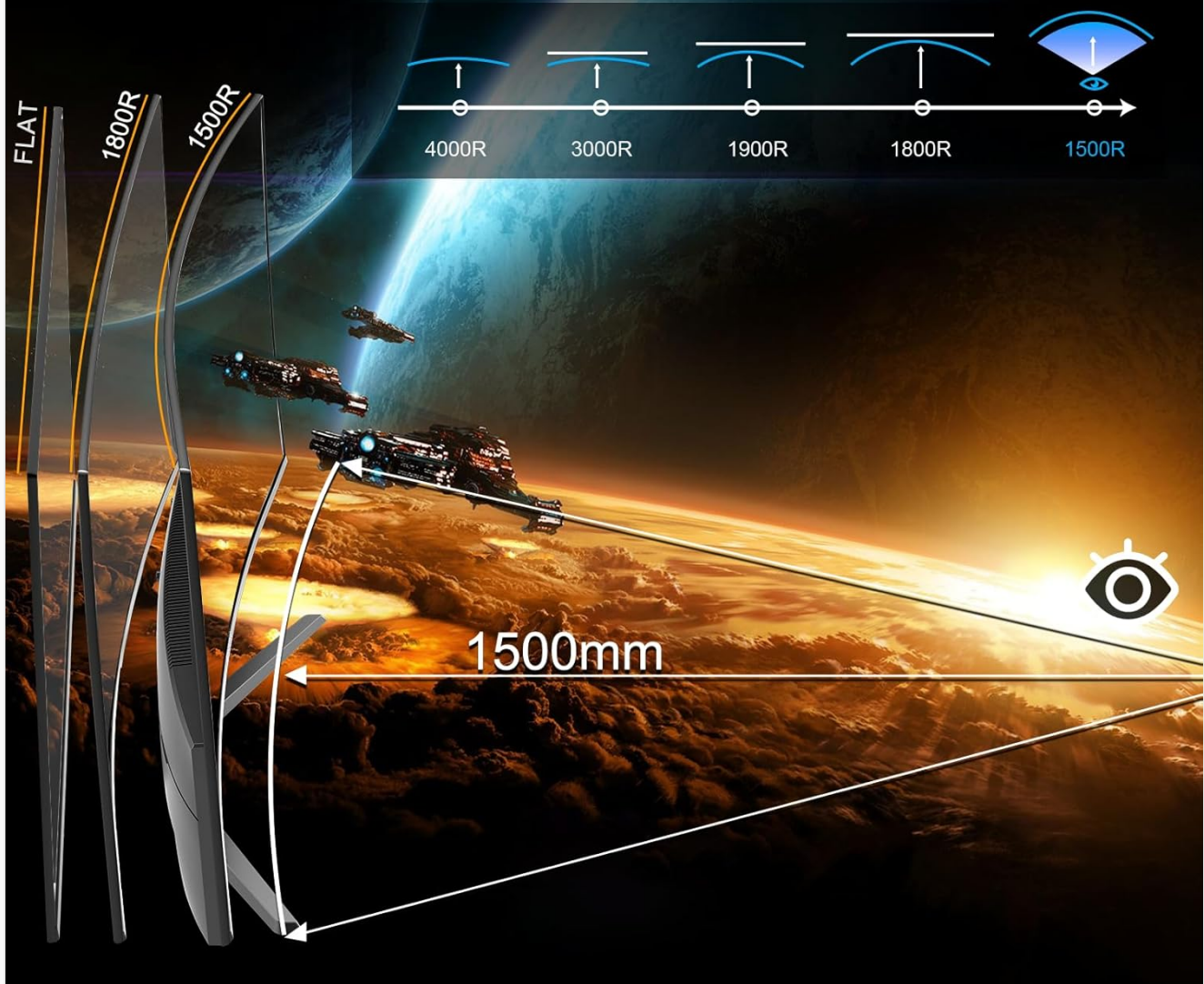
Image 6.3: Explanation of 1500R curvature for an immersive experience.

- **Visual Modes:** The monitor offers various visual modes (e.g., Standard, Game, Movie, sRGB, Office) to optimize display settings for different content types.

6.4. Gaming Features

- **FreeSync:** Enable FreeSync in the OSD menu and on your graphics card settings to synchronize the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering.

Image 6.5: Comparison of display with and without FreeSync, showing reduced stuttering and ghosting.

- **Game Assist:** Access gaming-specific enhancements through the OSD menu.
- **Black Level Adjustment:** Adjust the black level to enhance visibility in dark areas of games.
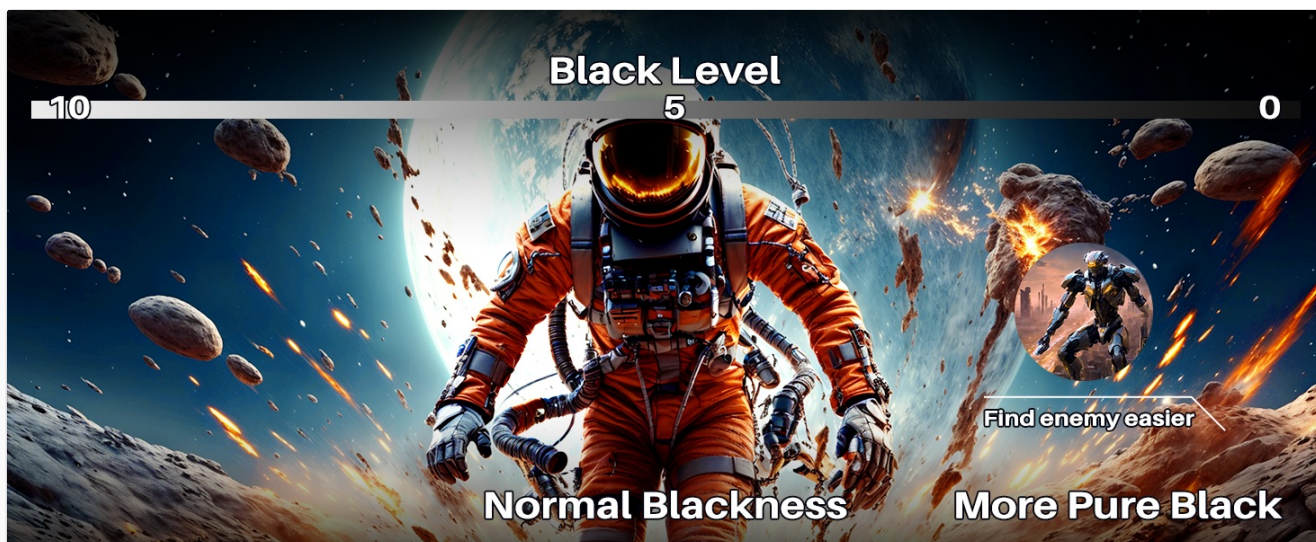
Image 6.6: Illustration of Black Level adjustment for improved visibility.

- **Pinpoint Strike & Timer:** Utilize on-screen crosshairs (Pinpoint) and a timer for competitive gaming.
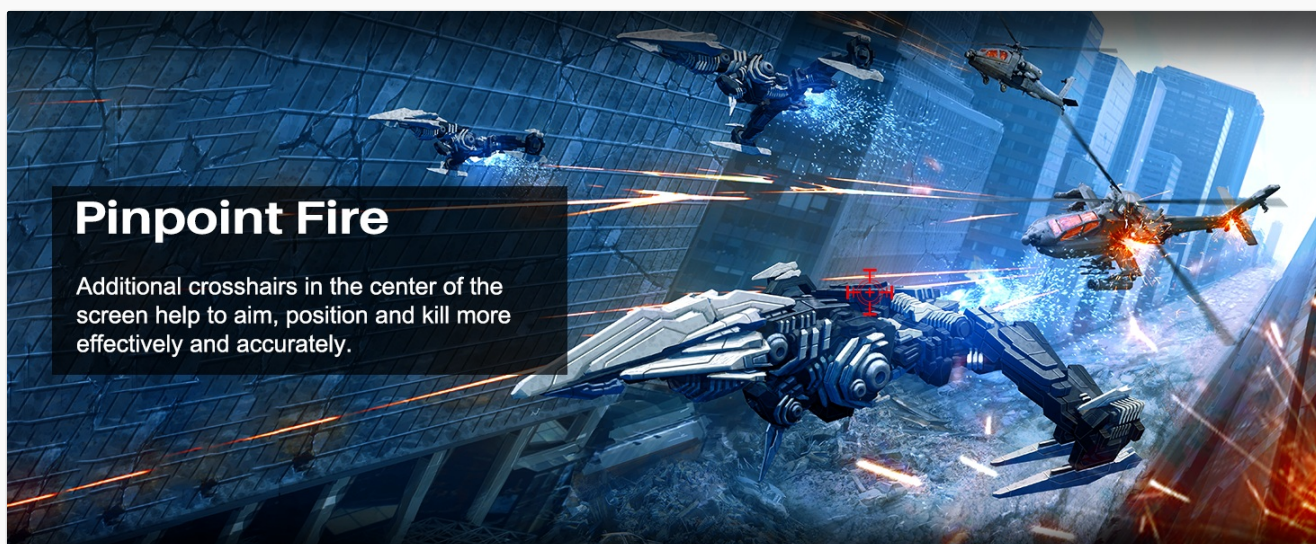
Image 6.7: Depiction of the Pinpoint Fire feature for aiming assistance.

6.5. Audio Settings

The monitor includes two 2W built-in speakers. Adjust the volume using the joystick control (Down for volume decrease). You can also connect external audio devices via the 3.5mm audio out port.

6.6. Eye Care Features

The monitor incorporates technologies to reduce eye strain during prolonged use:

- **Anti-Flicker:** Reduces screen flickering that can cause eye fatigue.
- **Low Blue Light:** Filters out harmful blue light emissions.
- **Anti-Glare:** Reduces reflections on the screen surface.

Image 6.8: Overview of Eye Care features including Anti-Flicker, Anti-Glare, and Low Blue Light.

7. MAINTENANCE

To maintain your monitor in optimal condition:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth with a small amount of screen cleaner. Do not spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid abrasive cleaners or solvents.
- **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.

8. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on screen	No power; Incorrect input source; Loose cable connection	Check power cable and adapter; Select correct input source via OSD; Ensure HDMI/DP cables are securely connected.
Image is blurry or distorted	Incorrect resolution; Graphics card driver issue	Set display resolution to 1920x1080; Update graphics card drivers.
No sound from speakers	Volume too low; Muted; Incorrect audio output selected on PC	Increase monitor volume via OSD; Unmute monitor; Select monitor as audio output device on your computer.
Screen flickering	Cable issue; Refresh rate mismatch; FreeSync setting	Try a different HDMI/DP cable; Ensure refresh rate is set correctly; Adjust FreeSync settings.

9. SPECIFICATIONS

Feature	Specification
Model Number	ES-G24C1-US
Screen Size	24 inches
Panel Type	VA
Curvature	1500R
Resolution	1920 x 1080 (FHD 1080p)
Refresh Rate	Up to 180Hz
Response Time	MPRT 1ms
Brightness	300 nits
Contrast Ratio	3000:1
Color Gamut	130% sRGB, 97% DCI-P3
Viewing Angle	178° (Horizontal/Vertical)
HDR Support	Yes
Adaptive Sync	FreeSync
Built-in Speakers	2 x 2W
Input Ports	1x HDMI 1.4, 1x DisplayPort 1.2
Output Ports	1x Audio Out 3.5mm

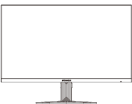| Feature	Specification
VESA Compatibility	75 x 75mm
Tilt Adjustment	-5° to 15° (+/-2°)
Product Dimensions (with stand)	21.22 x 7.73 x 16.37 inches
Item Weight	8.18 pounds

10. WARRANTY AND SUPPORT

SANSUI provides a money-back and free replacement warranty for this 24-inch Curved Gaming Monitor from the order date within 30 days. Additionally, lifetime technical support is available for the product.

For technical assistance or warranty claims, please contact SANSUI customer support through the official channels provided at the time of purchase or on the SANSUI website.

Related Documents - ES-G24C1

SANSUI User Manual Full HD Monitor ES-27C1	**SANSUI ES-27C1 27-Inch Curved Monitor Quick Start Guide** Concise guide for the SANSUI ES-27C1 27-inch curved monitor, covering button functions, OSD menu settings, picture and sound adjustments, gaming features, and safety precautions.
SANSUI User Manual Full HD Monitor ES-24X3	**SANSUI ES-24X3 Full HD Monitor User Manual** User manual for the SANSUI ES-24X3 Full HD Monitor, providing essential safety instructions, setup guide, panel controls, OSD menu explanations, and troubleshooting tips for optimal use.
SANSUI User Manual FHD Gaming Monitor ES-G24C1	**SANSUI ES-G24C1 FHD Gaming Monitor User Manual** Comprehensive user manual for the SANSUI ES-G24C1 FHD Gaming Monitor, covering safety instructions, installation, cable connections, panel controls, OSD menu settings, troubleshooting, and licensing information.

SANSUI **User Manual** FHD Gaming Monitor ES-G24F4	[SANSUI ES-G24F4 FHD Gaming Monitor User Manual](#) User manual for the SANSUI ES-G24F4 FHD Gaming Monitor, providing essential information on safety instructions, installation, cable connections, panel controls, OSD menu navigation, troubleshooting, and product specifications.
SANSUI **User Manual** Full HD Monitor ES-22F1	[SANSUI ES-22F1 Full HD Monitor User Manual](#) Comprehensive user manual for the SANSUI ES-22F1 Full HD Monitor, detailing safety precautions, installation, connectivity, panel controls, OSD menu settings, troubleshooting, and technical compliance information.
SANSUI **User Manual** FHD Gaming Monitor ES-G24F4	[SANSUI ES-G24F4 FHD Gaming Monitor User Manual](#) Comprehensive user manual for the SANSUI ES-G24F4 FHD Gaming Monitor, covering safety instructions, installation, cable connections, panel controls, OSD menu usage, and troubleshooting.