

## ASUS VT229H

# ASUS VT229H 21.5-inch 1080P IPS 10-Point Touch Eye Care Monitor User Manual

Model: VT229H | Brand: ASUS

## 1. INTRODUCTION

The ASUS VT229H is a 21.5-inch Full HD monitor featuring 10-point multi-touch capability, designed for intuitive interaction with virtual keyboards and various multi-touch applications. It offers flexible connectivity options including HDMI and VGA. This monitor incorporates ASUS exclusive Eye Care technology, which includes flicker-free backlighting and blue light filtering, to minimize eye fatigue during extended use. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your VT229H monitor.

## 2. SAFETY INFORMATION

Please read all instructions carefully before using the device. Keep this manual for future reference. Do not expose the monitor to rain or moisture. Do not use the monitor near water. Do not attempt to service the monitor yourself; refer all servicing to qualified service personnel. Ensure proper ventilation and avoid blocking any ventilation openings. Use only the power adapter and cables provided by the manufacturer. Disconnect the power plug from the AC outlet if the monitor will not be used for an extended period.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- ASUS VT229H Monitor
- Power Cord
- USB Cable (for touch functionality)
- HDMI Cable (Optional)
- VGA Cable (Optional)
- Audio Cable
- Quick Start Guide
- Warranty Card

## 4. SETUP

Follow these steps to set up your ASUS VT229H monitor:

1. **Unpacking:** Carefully remove the monitor and all accessories from the packaging.
2. **Stand Assembly:** Attach the monitor stand to the display panel. Ensure it is securely fastened. The monitor also supports VESA wall mounting.
3. **Connect Power:** Connect the power cord to the monitor's power input and then to a power outlet.
4. **Connect Video Cable:** Connect either an HDMI or VGA cable from your computer's video output to the corresponding input on the monitor.
5. **Connect USB Cable (for Touch):** Connect the USB cable from the monitor's USB port to an available USB port on your computer. This connection is essential for enabling the 10-point touch functionality.
6. **Connect Audio Cable (Optional):** If you wish to use the monitor's built-in speakers, connect the audio cable from your computer's audio output to the monitor's audio input.
7. **Power On:** Press the power button on the monitor to turn it on.

# Rich Connectivity



Figure 4.1: Rear view of the ASUS VT229H monitor highlighting its connectivity ports including HDMI, VGA, and USB 2.0.

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Video 4.1: Official product video demonstrating the setup and key features of the ASUS VT229H monitor, including its 10-point touch functionality and Eye Care technology.

## 5. OPERATING INSTRUCTIONS

### 5.1. Touchscreen Functionality

The ASUS VT229H features a 10-point multi-touch screen, allowing for intuitive interaction with your operating system and applications. Ensure the USB cable is connected to enable touch input.



Figure 5.1: Illustration of supported touch gestures including single tap, swipe to select, slide to scroll, pinch or stretch to zoom, rotate, 5-point touch, and 10-point touch.

## 5.2. ASUS Eye Care Technology

This monitor is equipped with ASUS Eye Care technology to reduce eye strain. Key features include:

- **Flicker-Free Backlighting:** Eliminates screen flickering at all brightness levels, reducing eye fatigue.
- **Blue Light Filter:** Reduces harmful blue light emissions. Multiple filter levels are available via the On-Screen Display (OSD) menu to suit different usage scenarios (e.g., Reading, Darkroom, Scenery).



Figure 5.2: Visual comparison demonstrating the benefit of Flicker-free Technology in reducing screen flicker.



Figure 5.3: Blue Light Filter levels can be adjusted to match usage scenarios, reducing blue light by up to 70% for reading.

### 5.3. On-Screen Display (OSD) Menu

Use the buttons located on the bottom right of the monitor to navigate and adjust settings in the OSD menu. This allows you to control display parameters, activate Eye Care modes, and configure other monitor functions.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Avoid using alcohol-based cleaners or harsh chemicals.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing.
- **Avoid Liquids:** Do not spray liquids directly onto the monitor.
- **Ventilation:** Keep the ventilation openings clear to prevent overheating.
- **Power Off:** Always turn off the monitor and unplug it from the power outlet before cleaning or when not in use for extended periods.

## 7. TROUBLESHOOTING

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

- **No Power:**
  - Ensure the power cord is securely connected to both the monitor and the power outlet.
  - Check if the power outlet is functioning correctly.
- **No Image on Screen:**

- Verify that the video cable (HDMI/VGA) is securely connected to both the monitor and your computer.
- Ensure your computer is powered on and not in sleep mode.
- Select the correct input source via the OSD menu.

- **Touchscreen Not Responding:**

- Confirm that the USB cable is securely connected from the monitor to your computer.
- For multi-monitor setups, ensure the touch monitor is set as the primary display in your operating system settings for optimal touch functionality.

- **Screen Flickering:**

- Adjust the Eye Care settings in the OSD menu, specifically checking the Flicker-Free option.
- Ensure your graphics card drivers are up to date.

- **Poor Image Quality:**

- Check the resolution settings on your computer to match the monitor's native resolution (1920 x 1080).
- Adjust brightness, contrast, and color settings via the OSD menu.

## 8. SPECIFICATIONS

Feature	Specification
Brand	ASUS
Model Number	VT229H
Screen Size	21.5 Inches
Resolution	FHD 1080p (1920 x 1080 Pixels)
Aspect Ratio	16:9
Display Type	LED IPS
Screen Surface Description	Matte
Contrast Ratio	100,000,000:1
Refresh Rate	60 Hz
Viewing Angle	178 Degrees
Brightness	250 cd/m <sup>2</sup>
Color Gamut	72
Picture Quality Enhancement	TÜV Flicker-free, TÜV Low Blue Light
Item Dimensions (D x W x H)	8"D x 19.4"W x 11.8"H
Item Weight	7 Pounds
Connectivity Technology	HDMI, VGA, 3.5mm Audio, USB
Additional Features	Blue Light Filter, Eye Care, Flicker-Free, Touchscreen

Mounting Type	Wall Mount (VESA compatible)
Compatible Devices	Desktop, Gaming Console, Laptop
UPC	192876058985, 192876058961, 192876058978

## 9. WARRANTY AND SUPPORT

The ASUS VT229H monitor comes with a **3-Year Warranty with ARR** (Advanced Replacement Service). For detailed warranty terms, service requests, or technical support, please visit the official ASUS support website or contact their customer service. Keep your purchase receipt for warranty validation.