

## HUION GT-220 v2

# Huion GT-220 v2 IPS Graphics Drawing Monitor User Manual

## INTRODUCTION

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This manual provides comprehensive instructions for the setup, operation, and maintenance of your Huion GT-220 v2 IPS Graphics Drawing Monitor. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your creative experience. The GT-220 v2 is designed for professional and enthusiast digital artists, offering a high-definition display and precise pen input for various creative applications on both Mac and PC platforms.

## WHAT'S IN THE BOX

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Carefully unpack your Huion GT-220 v2 monitor and verify that all the following items are included:

# Viewing Angle

Vertical 178° Horizontal 178°



Image: All components included in the Huion GT-220 v2 package.

- Huion GT-220 v2 IPS Graphics Drawing Monitor
- Two Stylus Pens
- Pen Nibs (replacement)
- Pen Holder
- USB Cable
- HDMI Cable
- VGA Cable
- DVI Cable
- Power Adapter
- AC Cable
- Pen Charging Cable
- Warranty Card
- Quick Start Guide

## SETUP INSTRUCTIONS

1. **Positioning the Monitor:** Place the monitor on a stable, flat surface. The GT-220 v2 features an adjustable stand for ergonomic positioning. Adjust the stand to your preferred viewing and drawing angle (20° to 80°).



Image: The adjustable stand of the GT-220 v2, demonstrating its 20-80 degree tilt range.

## 2. Connecting to Your Computer:

- Connect the monitor to your computer using one of the provided video cables (HDMI, DVI, or VGA). Ensure a secure connection.
- Connect the USB cable from the monitor to an available USB port on your computer. This enables pen input functionality.
- Connect the power adapter to the monitor and plug it into a power outlet.

## 3. Driver Installation:

- Visit the official Huion website to download the latest drivers for the GT-220 v2 model.
- Before installing new drivers, uninstall any existing tablet drivers from your system to prevent conflicts.
- Follow the on-screen instructions to complete the driver installation. Restart your computer if prompted.

- 4. Calibration:** After driver installation, open the Huion Tablet software. Calibrate the screen and pen pressure sensitivity according to your preferences. This ensures accurate cursor positioning and optimal drawing experience.

## Using the Stylus Pen

The GT-220 v2 comes with two newly designed pens that recognize 8192 pressure levels, providing a natural drawing experience. The pen is lightweight and covered by fine rubber for comfortable grip.

# 8192 Pen Pressure

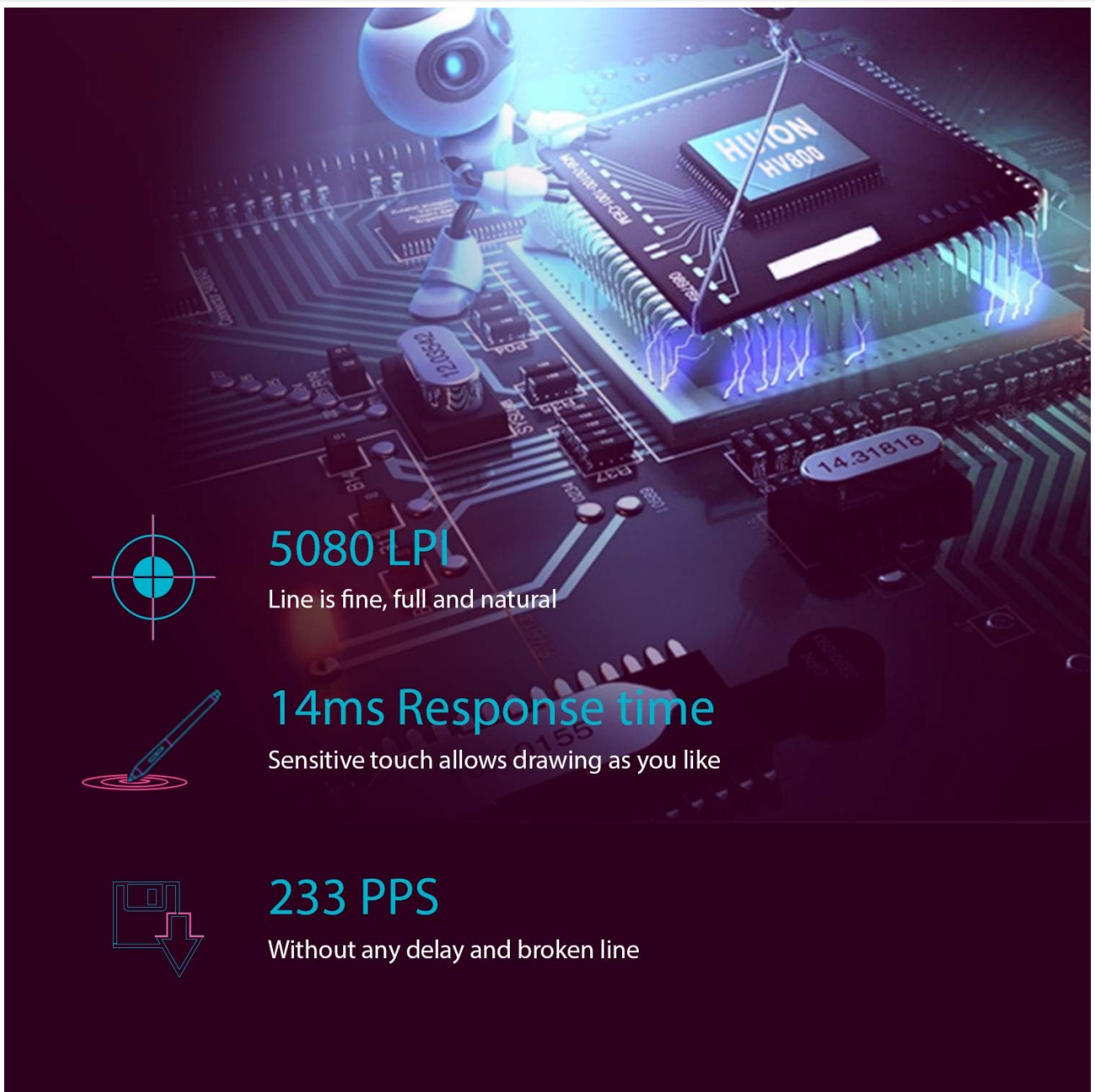


Image: Illustration of the stylus pen in use, highlighting its 8192 pressure levels for precise drawing.

- **Pressure Sensitivity:** The 8192 pressure levels allow for varying line thickness and opacity based on how hard you press the pen. Adjust pressure curves in the Huion Tablet software for personalized control.
- **Programmable Buttons:** The pen features programmable buttons. Customize these buttons within the Huion Tablet software for shortcuts to frequently used functions in your creative applications.
- **Charging:** Use the provided pen charging cable to recharge the stylus when its battery is low.

## Display Features

The 21.5-inch IPS monitor offers a vibrant visual experience for your artwork.



**5080 LPI**

Line is fine, full and natural



**14ms Response time**

Sensitive touch allows drawing as you like



**233 PPS**

Without any delay and broken line

Image: The GT-220 v2 display showcasing its 1920x1080 resolution and 16.7 million color capabilities.

- **Resolution and Color:** Enjoy a 1920x1080 resolution with 16.7 million colors for accurate and detailed visual representation of your work.
- **Viewing Angle:** The IPS panel provides wide viewing angles of 178° both vertically and horizontally, ensuring consistent color and brightness from various perspectives.



1920x1080 Resolution 16.7 million colors



Image: Visual representation of the monitor's wide 178° viewing angles.

- **Response Time:** A 14ms response time minimizes ghosting and ensures smooth motion for dynamic content.

### Software Compatibility

The GT-220 v2 is compatible with all mainstream digital art software, including but not limited to Adobe Photoshop, Clip Studio Paint, Corel Painter, and more. Ensure your software is up-to-date for optimal performance.

### MAINTENANCE

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- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically designed for LCD displays. Do not use alcohol-based cleaners or abrasive materials.
- **Pen Nibs:** Replace pen nibs when they show significant wear to maintain optimal drawing performance and prevent scratching the screen. Use the provided nib remover tool.
- **Storage:** When not in use, store the monitor in a clean, dry environment away from direct sunlight and extreme temperatures.

### TROUBLESHOOTING

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If you encounter issues with your Huion GT-220 v2, refer to the following common solutions:

- **Monitor Not Waking from Sleep Mode:** Ensure all cables (power, USB, video) are securely connected. Update your graphics card drivers and Huion tablet drivers to the latest versions. Check your computer's power management settings.
- **Cursor Offset/Inaccuracy:** Recalibrate the screen using the Huion Tablet software. Ensure your display settings in your operating system are correctly configured for the monitor. Check for any magnetic interference near the monitor.
- **Breaking Lines/Inconsistent Pen Input:** Verify that the pen nib is not worn out and is properly seated. Reinstall the Huion tablet drivers. Test the pen on a different application to determine if the issue is software-specific.
- **No Display/Signal:** Check all video cable connections (HDMI, DVI, VGA). Ensure the monitor is powered on. Try connecting the monitor to a different video port on your computer or using a different cable.
- **Driver Installation Issues:** Completely uninstall any previous tablet drivers (including other brands) before installing the Huion drivers. Disable antivirus software temporarily during installation if necessary.

## SPECIFICATIONS

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Key technical specifications for the Huion GT-220 v2 IPS Graphics Drawing Monitor:

# Adjustable Stand



Image: Visual representation of key performance metrics like LPI, response time, and PPS.

Feature	Specification
Model Name	GT-220 v2
Screen Size	21.5 Inches
Display Type	IPS LCD
Native Resolution	1920x1080
Color Gamut	16.7 Million Colors
Viewing Angle	Vertical 178°, Horizontal 178°
Pressure Sensitivity	8192 Levels
Report Rate	233 PPS (Points Per Second)
Resolution	5080 LPI (Lines Per Inch)

Response Time	14ms
Connectivity	VGA, DVI, HDMI, USB
Operating System Compatibility	Windows 7 or later, Mac OS 10.8.0 or later
Item Weight	13.7 Pounds

## WARRANTY AND SUPPORT

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The Huion GT-220 v2 IPS Graphics Drawing Monitor comes with a standard manufacturer's warranty. Please refer to the included Warranty Card for specific terms and conditions, including warranty period and coverage details. For technical support, driver updates, or further assistance, please visit the official Huion website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.