

Manuals.plus /

› Pisichen /

› Pisichen 22-inch Touch Screen Monitor (Model 22CMR-HD) User Manual

Pisichen 22CMR-HD

Pisichen 22-inch Touch Screen Monitor (Model 22CMR-HD) User Manual

Comprehensive guide for setup, operation, and maintenance.

1. INTRODUCTION

Thank you for choosing the Pisichen 22-inch Touch Screen Monitor with Webcam (Model 22CMR-HD). This monitor is designed to provide a high-quality visual and interactive experience for various applications, including work, education, and entertainment. It features a Full HD 1920x1080P display, 10-point touch functionality, an integrated HD webcam, and multiple connectivity options. Please read this manual thoroughly before using the monitor to ensure proper setup and operation.

2. SAFETY INFORMATION

- Always place the monitor on a stable, flat surface to prevent it from falling.
- Do not expose the monitor to rain or moisture to avoid electric shock or fire.
- Keep the monitor away from direct sunlight, heat sources, or extreme temperatures.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter provided with the monitor.
- Unplug the power cord from the outlet if the monitor will not be used for an extended period.
- 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:

- Pisichen 22-inch Touch Screen Monitor
- Monitor Stand
- DC Power Adapter
- HDMI Cable
- USB Touch Cable

- User Manual (this document)

Comes Ready to Use

Complete with accessories, no need to purchase additional accessories.



User Manual



DC Power Adapter



HDMI Cable



USB Touch Cable



Monitor Stand



Note: Please contact the seller in time if you experience lost or misdirected accessories or other situations.

Figure 3.1: Included Accessories

This image displays the Pisichen 22-inch monitor alongside its standard accessories, which include a user manual, a DC power adapter, an HDMI cable, a USB touch cable, and the monitor stand. These components are provided to ensure the monitor is ready for immediate use.

4. PRODUCT OVERVIEW

4.1 Monitor Features

- 22-inch Full HD (1920x1080P) IPS Display
- 10-point Capacitive Touchscreen
- Integrated HD Webcam
- 400 nits Brightness
- 3000:1 Contrast Ratio
- 100Hz Refresh Rate with FreeSync and HDR support

- Multiple Connectivity: HDMI, USB Type-C, VGA
- Built-in Speakers
- VESA Mount Compatible

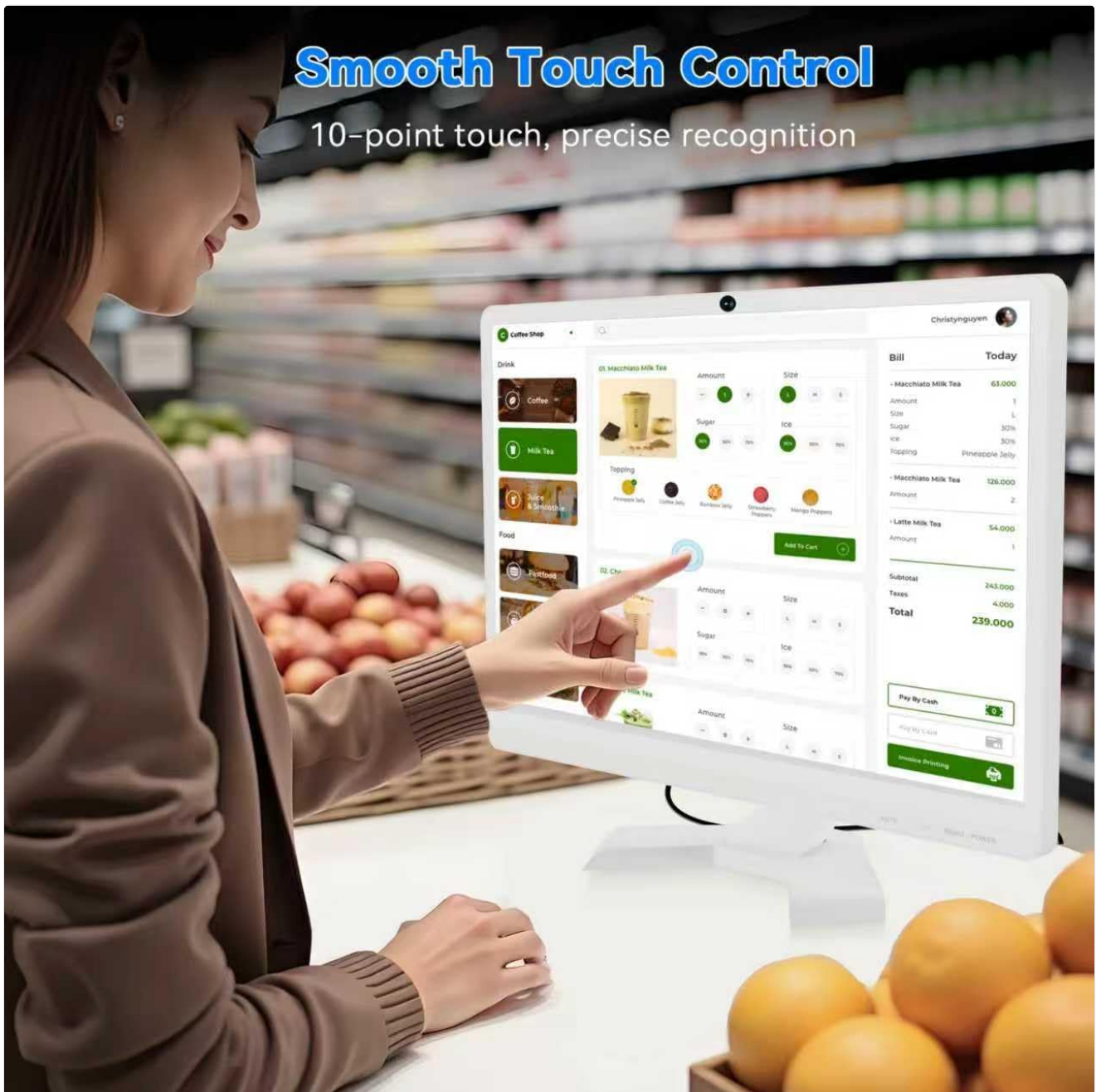


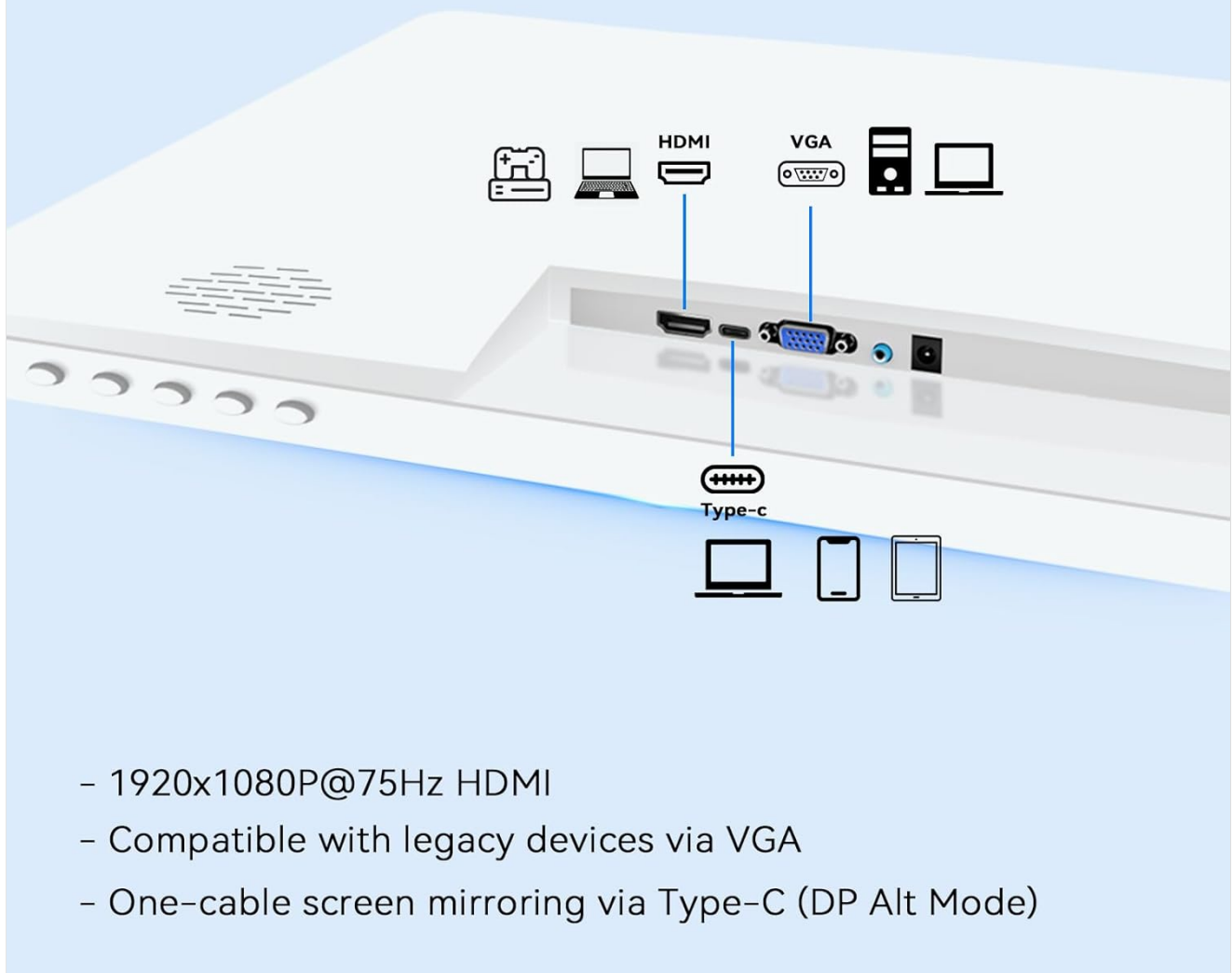
Figure 4.1: Front View of the Monitor

This image shows the front of the Pisichen 22-inch touch screen monitor, featuring its white design and a vibrant display. The integrated webcam is visible at the top center of the bezel.

4.2 Ports and Controls

The monitor provides various ports for connecting to different devices and controls for adjusting settings.

Full-featured interface configuration, plug-and-play



- 1920x1080P@75Hz HDMI
- Compatible with legacy devices via VGA
- One-cable screen mirroring via Type-C (DP Alt Mode)

Figure 4.2: Rear Ports

This diagram illustrates the connectivity options located on the rear of the monitor. These include an HDMI port, a VGA port, a USB Type-C port, and the DC power input. These ports allow for versatile connections to various computers, laptops, and other devices.

- **HDMI Port:** Connects to devices via HDMI cable for video and audio transmission.
- **VGA Port:** Connects to older devices via VGA cable for video transmission.
- **USB Type-C Port:** Supports single-cable video transmission, power delivery, and touch data for compatible devices.
- **DC Power Input:** Connects to the provided power adapter.
- **Power Button:** Located on the bottom right of the monitor.
- **OSD Menu Buttons:** Typically located near the power button for navigating the On-Screen Display menu.

5. SETUP

5.1 Assembling the Monitor Stand

1. Carefully remove the monitor and stand components from the packaging.

2. Attach the base to the stand pillar, securing it with the provided screws if necessary.
3. Align the assembled stand with the mounting points on the back of the monitor and secure it firmly.

The monitor also supports VESA mounting (100x100mm) for alternative installation options. Ensure to use appropriate VESA screws and mounting hardware (not included).

5.2 Connecting to a Device

Choose the appropriate connection method based on your device:

- **HDMI Connection:** Connect one end of the HDMI cable to the HDMI port on your computer/laptop and the other end to the HDMI port on the monitor.
- **VGA Connection:** Connect one end of the VGA cable to the VGA port on your computer/laptop and the other end to the VGA port on the monitor.
- **USB Type-C Connection (for video, power, and touch):** For compatible devices (e.g., laptops, smartphones with DP Alt Mode), connect one end of the USB Type-C cable to your device and the other end to the USB Type-C port on the monitor. This single cable can transmit video, power, and touch signals.
- **USB Touch Cable (for touch functionality with HDMI/VGA):** If using HDMI or VGA for video, connect the USB Touch Cable from your computer's USB port to the monitor's USB-B port (if available, or a dedicated USB port for touch data) to enable touch functionality.

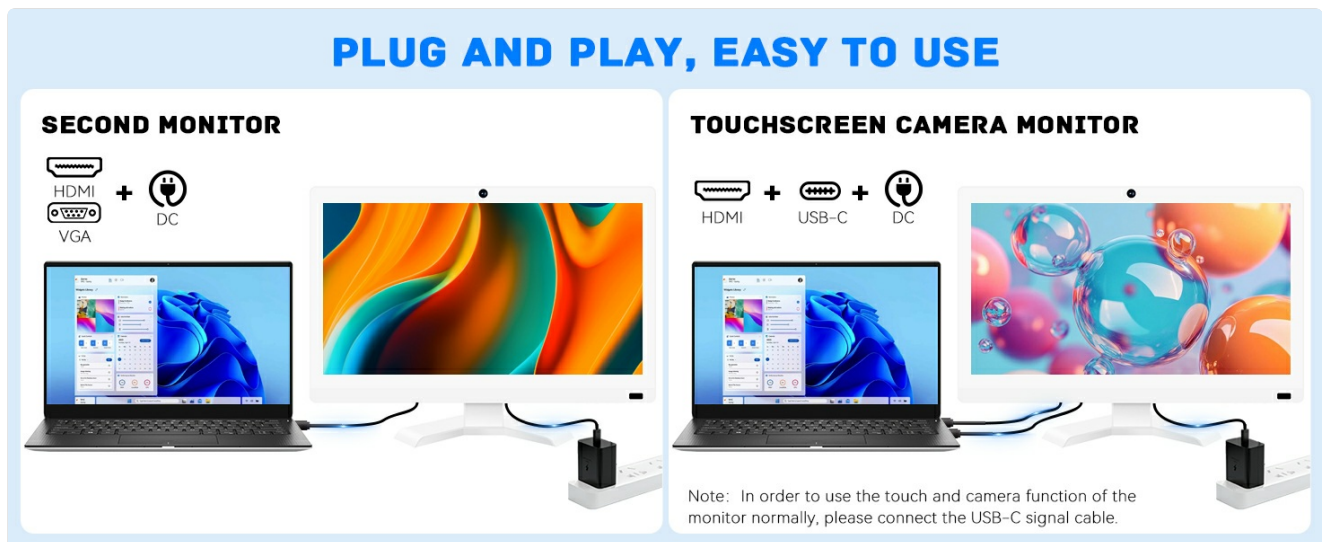


Figure 5.1: Connection Scenarios

This image demonstrates two common connection scenarios: using the monitor as a second display via HDMI/VGA + DC power, and using it as a touchscreen camera monitor via HDMI + USB-C + DC power. The USB-C connection is crucial for enabling both touch and camera functions when not using a single USB-C cable for all data.

5.3 Power Connection

Connect the DC power adapter to the monitor's DC power input, then plug the adapter into a power outlet.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- **To Power On:** Press the Power button located on the bottom right of the monitor.
- **To Power Off:** Press and hold the Power button for a few seconds until the monitor turns off.

6.2 Touchscreen Functionality

The monitor features a 10-point capacitive touchscreen. Ensure the USB Touch Cable is connected to your

computer (if using HDMI/VGA) or that the USB Type-C cable supports touch data. Once connected, the touchscreen should function automatically with compatible operating systems (e.g., Windows, macOS, Android).



Figure 6.1: Touchscreen Interaction

This image shows a user interacting with the monitor's touchscreen, highlighting its responsive 10-point touch control for precise recognition and intuitive operation, similar to a tablet or smartphone.

6.3 Integrated HD Webcam

The built-in HD webcam is ready for use with video conferencing applications (e.g., Zoom, Microsoft Teams, Google Meet) and other communication software. No additional drivers are typically required for basic functionality.

HD VIDEO CALLS - BUILT-IN CAMERA

Online meetings, virtual classes, connecting with friends and family, as clear as seeing them face to face.



Figure 6.2: Integrated Webcam

This image focuses on the integrated HD webcam, positioned discreetly at the top center of the monitor's bezel. This feature allows for convenient video communication without the need for external peripherals.

6.4 On-Screen Display (OSD) Menu

Use the OSD menu buttons (usually located on the bottom right of the monitor) to adjust various display settings. Common settings include:

- **Brightness/Contrast:** Adjust the overall luminance and difference between light and dark areas.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **Input Source:** Manually select between HDMI, VGA, or USB Type-C inputs.
- **Audio Settings:** Adjust volume for built-in speakers.
- **HDR/FreeSync:** Enable or disable these features for enhanced visual experience with compatible content and graphics cards.

7. MAINTENANCE

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth slightly with water or a non-abrasive screen cleaner. Do not spray liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing.
- **Avoid Abrasive Cleaners:** Do not use alcohol, ammonia-based cleaners, or abrasive materials, as they can damage the screen or casing.
- **Ventilation:** Ensure the ventilation holes on the monitor are clear of dust and obstructions.

8. TROUBLESHOOTING

8.1 No Power

- Check if the power adapter is securely connected to the monitor and the power outlet.
- Verify that the power outlet is functioning correctly.
- Ensure the monitor's power button has been pressed.

8.2 No Image on Screen

- Confirm that the video cable (HDMI, VGA, or USB Type-C) is securely connected to both the monitor and your device.

- Ensure the correct input source is selected in the OSD menu.
- Check if your computer/device is powered on and not in sleep mode.
- Test the monitor with another device or cable if possible.

8.3 Touchscreen Not Responding

- If using HDMI or VGA, ensure the USB Touch Cable is connected from the monitor to your computer.
- If using USB Type-C, verify that your device and cable support touch data transmission.
- Restart your computer and the monitor.
- Check your operating system's settings for touch screen calibration or driver issues.

8.4 Webcam Not Working

- Ensure the monitor is properly connected to your computer (USB Type-C or USB Touch Cable).
- Check your operating system's privacy settings to ensure camera access is granted to applications.
- Verify that the correct webcam is selected in your video conferencing application settings.

9. SPECIFICATIONS

Feature	Specification
Brand	Pisichen
Model Number	22CMR-HD
Screen Size	21.5 inches
Resolution	FHD 1920x1080P
Aspect Ratio	16:9
Display Type	LED IPS Panel
Brightness	400 Candela (nits)
Contrast Ratio	3000:1
Refresh Rate	100 Hz
Response Time	3 Milliseconds
Adaptive Sync	FreeSync
Picture Quality Enhancement	HDR
Connectivity	HDMI, USB 3.1 Type-C, VGA
Additional Features	Built-In Speakers, Built-In Webcam, 10-Point Touchscreen
Item Dimensions (D x W x H)	0.78"D x 20.4"W x 14.9"H
VESA Mount Compatibility	Yes (100x100mm)

10. WARRANTY AND SUPPORT

This product comes with a 1-year manufacturer's warranty. For warranty claims, technical support, or any inquiries regarding your Pisichen monitor, please contact the seller or manufacturer directly. Refer to your purchase documentation for specific contact details.

For additional support, you may visit the [Pisichen Store on Amazon](#).