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- › HAMTYSAN 11.6-inch Touchscreen Monitor (Model HCIX116V.CA) User Manual

HAMTYSAN HCIX116V.CA

HAMTYSAN 11.6-inch Touchscreen Monitor User Manual

Model: HCIX116V.CA

1. INTRODUCTION

This manual provides detailed instructions for the HAMTYSAN 11.6-inch FHD 1366x768 IPS Touchscreen Monitor. This display is designed for versatility, offering a 178° viewing angle, 5-point capacitive touch, and dual-speaker audio. It is compatible with various devices including Raspberry Pi (5/4/3/Zero), Windows PCs, Jetson Nano, and game consoles.



Image 1.1: HAMTYSAN 11.6-inch Touchscreen Monitor with key display features.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

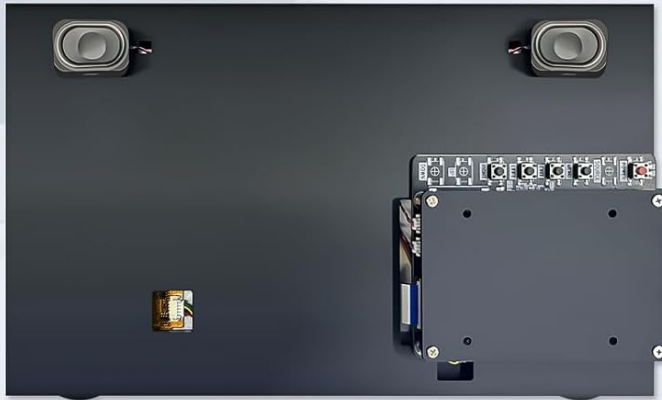
- 1 x HAMTYSAN 11.6-inch Touchscreen Monitor
- 1 x HDMI Cable
- 1 x Type-C Cable
- 1 x Monitor Stand
- 4 x Copper Pillars
- 6 x Sets of Screws
- 1 x Phillips Screwdriver



HDMI cable



Type-C cable



4 x Copper Pillar
6 x Sets of Screws
1 x Phillips Screwdriver

Image 2.1: Included accessories with the HAMTYSAN monitor.

3. PRODUCT OVERVIEW

3.1 Monitor Ports and Controls

Familiarize yourself with the ports and control buttons on your monitor for proper setup and operation.

5-Point Capacitive Touch Screen

Smooth and Responsive Touch Feeling



Image 3.1: Monitor controls and compatible devices.

- **Turn On/Off Key:** Powers the monitor on or off.
- **System Menu Entry/Exit:** Press to enter the On-Screen Display (OSD) menu or exit the current menu.
- **System Menu Adjustment (Up/Right):** Navigates up or right within the OSD menu, or increases values.
- **System Menu Adjustment (Down/Left):** Navigates down or left within the OSD menu, or decreases values.

3.2 Built-in Dual Speakers

The monitor features built-in dual speakers for audio output, delivering clear sound without the need for external speakers.

Built-In Dual Speakers

Delivering Loud and Trust Sound .



Image 3.2: Monitor with built-in dual speakers.

4. SETUP AND CONNECTIONS

Follow these steps to connect your HAMTYSAN monitor to various devices.

4.1 General Connection Principles

1. Connect the monitor to a power source using a compatible 5V/2A power adapter (not always included, check package contents).
2. Connect the video output of your device (e.g., Raspberry Pi, Laptop, PC) to the monitor's HDMI input using the provided HDMI cable.
3. For touchscreen functionality, connect the USB output of your device to the monitor's Type-C (Touch) port using the provided Type-C cable.
4. Power on both the monitor and your connected device.

4.2 Connection Examples

Connection Example Diagram

1

Connect to Raspberry Pi 4
(400/3/2/Zero/B/B+)



2

Connect to Jetson Nano



3

Connect to Laptop



4

Connect to PC

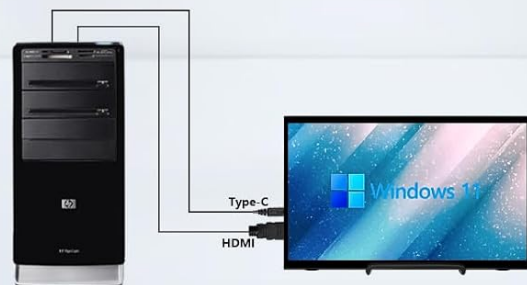


Image 4.1: Connection examples for various devices.

- **Connecting to Raspberry Pi (4/3/2/Zero/B/B+):** Use a Micro HDMI to HDMI cable for video and a Type-C cable for power and touch. Ensure the Raspberry Pi is powered.
- **Connecting to Jetson Nano:** Use an HDMI cable for video and a Type-C cable for power and touch.
- **Connecting to Laptop:** Use an HDMI cable for video. For touch functionality, connect a Type-C cable from the laptop's USB port to the monitor's Type-C (Touch) port.
- **Connecting to PC:** Use an HDMI cable for video. For touch functionality, connect a Type-C cable from the PC's USB port to the monitor's Type-C (Touch) port.

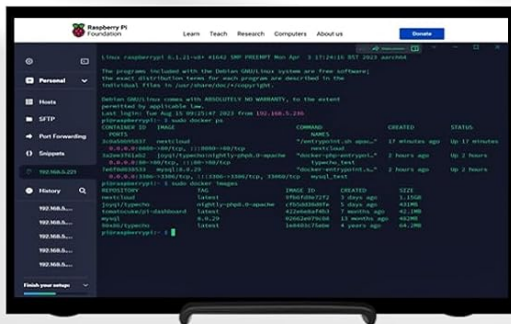
Designed for Raspberry Pi



Raspberry Pi 4B



Raspberry Pi 3B/3B+



Raspberry Pi Zero/ZeroW

Image 4.2: Monitor connections specifically for Raspberry Pi models.

4.3 Touchscreen Setup

The monitor supports 5-point capacitive touch. For most compatible operating systems (e.g., Windows 11/10/8/7, Raspberry Pi OS), touchscreen functionality is plug-and-play and requires no additional driver installation. Simply connect the Type-C cable from your device's USB port to the monitor's Type-C (Touch) port.

5. OPERATING INSTRUCTIONS

5.1 OSD Menu Navigation

Use the control buttons on the back of the monitor (refer to Image 3.1) to access and navigate the On-Screen Display (OSD) menu. The OSD menu allows you to adjust settings such as brightness, contrast, color, and power management.

- Press the **System Menu Entry/Exit** button to open the OSD menu.
- Use the **Up/Right** and **Down/Left** buttons to navigate through menu options.

- Press the **System Menu Entry/Exit** button again to select an option or confirm a setting.
- To exit the OSD menu, navigate to the 'Exit' option or press the **System Menu Entry/Exit** button repeatedly until the menu closes.

5.2 Display Modes

The monitor supports three display modes when connected to a laptop or PC, enhancing productivity and flexibility.

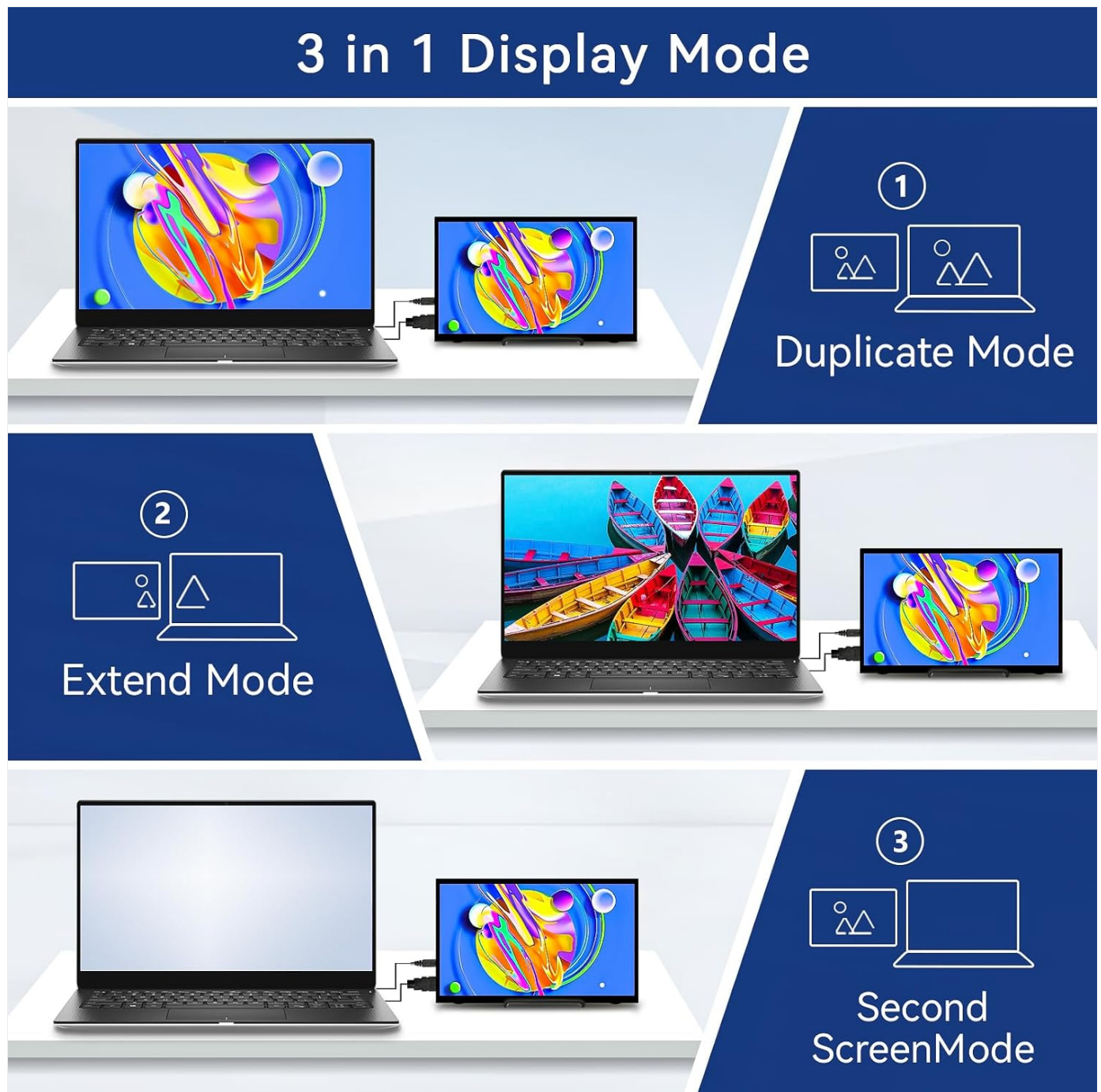


Image 5.1: Three display modes for multi-monitor setups.

- **Duplicate Mode:** Mirrors the content of your primary screen onto the HAMTYSAN monitor.
- **Extend Mode:** Extends your desktop across both screens, allowing for more workspace.
- **Second Screen Mode:** Displays content only on the HAMTYSAN monitor, turning off the primary screen.

5.3 Touchscreen Gestures

The 5-point capacitive touch screen supports various intuitive gestures for interaction.

Multi-Point Responsive Touching

3ms Response Time, High-Quality Touch Sensitivity, Drive Free



Press



Zoom out



Zoom in



Tap



Mouse Click



Image 5.2: Supported touchscreen gestures.

- **Press:** A single, firm touch to select an item.
- **Zoom Out:** Pinch two fingers together on the screen.
- **Zoom In:** Spread two fingers apart on the screen.
- **Tap:** A quick, light touch, similar to a mouse click.
- **Mouse Click:** A tap gesture can function as a left mouse click.

6. COMPATIBILITY

The HAMTYSAN 11.6-inch monitor offers broad compatibility with various operating systems and devices.

- **Raspberry Pi:** Compatible with Raspberry Pi 5, 4, 3, 2, and Zero models. Supports Octo Pi, Banana Pi, Retro Pi.
- **Operating Systems:** Windows 11/10/8.1/8/7 (for PC monitor use), Raspberry Pi OS (formerly Raspbian), Ubuntu, Kali, RetroPie, Kodi.
- **Other Devices:** Jetson Nano, game consoles (XBOX, PS4, Nintendo Switch), TV boxes, laptops, desktops, CCTV systems,

and cameras.

HDMI Input, Plug and Play

Great Compatible with Various OS and Devices



Image 6.1: Wide compatibility with various OS and devices.

7. SPECIFICATIONS

Feature	Specification
Brand	HAMTYSAN
Model Number	HCIX116V.CA
Screen Size	11.6 Inches
Native Resolution	1366x768 (FHD)
Display Technology	IPS LCD

Feature	Specification
Viewing Angle	178 Degrees
Aspect Ratio	16:9
Contrast Ratio	2000:1
Refresh Rate	60 Hz
Response Time	3 Milliseconds
Screen Surface	Glossy
Touchscreen	5-point Capacitive
Audio	Built-in Dual Speakers, 3.5mm Audio Jack
Connectivity	HDMI, Type-C (for touch/power)
Color	Black
Item Dimensions (D x W x H)	2.16"D x 9.4"W x 14.76"H

8. TROUBLESHOOTING

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

- **No Display / Black Screen:**
 - Ensure the monitor is powered on and the power adapter is securely connected.
 - Verify that the HDMI cable is correctly connected to both the monitor and the source device.
 - Check the input source setting on the monitor via the OSD menu to ensure it matches the connected port.
 - Test with a different HDMI cable or source device if possible.
- **No Touch Functionality:**
 - Ensure the Type-C cable is securely connected from your device's USB port to the monitor's Type-C (Touch) port.
 - Confirm that your operating system supports plug-and-play touch functionality (e.g., Windows 7/8/10/11, Raspberry Pi OS).
 - Restart your connected device.
- **No Sound from Speakers:**
 - Check the volume settings on both the monitor (via OSD menu) and your source device.
 - Ensure the HDMI cable is properly connected, as HDMI carries audio.
 - If using the 3.5mm audio jack, ensure headphones or external speakers are correctly plugged in.
- **Image Quality Issues (Blurry, Distorted):**
 - Adjust brightness, contrast, and other display settings via the OSD menu.
 - Ensure the source device's resolution output is set to 1366x768 for optimal display.
 - Check for any damage to the HDMI cable.

9. MAINTENANCE

To ensure the longevity and optimal performance of your HAMTYSAN 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 screen-cleaning solution. Avoid harsh chemicals, alcohol, or abrasive materials.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the monitor to strong impacts. Do not place heavy objects on top of the monitor.
- **Ventilation:** Ensure proper ventilation around the monitor to prevent overheating. Do not block the ventilation openings.

10. WARRANTY AND SUPPORT

Your HAMTYSAN monitor is covered by a **90-day manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or any questions regarding your product, please contact HAMTYSAN customer service through the retailer where you purchased the product or visit the official HAMTYSAN website for contact information.

Please retain your proof of purchase for warranty service.

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