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- › HAMTYSAN 10.1 Inch Raspberry Pi Touchscreen Monitor KST-10INCH01 User Manual

HAMTYSAN KST-10INCH01

HAMTYSAN 10.1 Inch Raspberry Pi Touchscreen Monitor

Model: KST-10INCH01

1. PRODUCT OVERVIEW

The HAMTYSAN 10.1 Inch Raspberry Pi Touchscreen Monitor (Model KST-10INCH01) is a versatile IPS LCD display designed for various applications, including use with Raspberry Pi, Jetson Nano, laptops, and PCs. It features a 1024x600 HD resolution (up to 1920x1080 max input), 5-point capacitive touch, and a 178° full viewing angle. This monitor offers a plug-and-play experience with HDMI and USB connectivity, requiring no additional drivers for basic functionality.



Image: The HAMTYSAN 10.1 Inch Raspberry Pi Touchscreen Monitor, a compact black display unit.

2. WHAT'S IN THE BOX

Please verify that all components are present in the package:

- 1 x Raspberry Pi Touchscreen Monitor
- 1 x HDMI Cable
- 1 x Micro USB Cable
- 1 x Bracket
- 1 x Manual (this document)
- 6 x Screws



Image: A visual representation of the items included in the product box: the touchscreen, HDMI cable, Micro USB cable, bracket, screws, and manual.

3. SETUP INSTRUCTIONS

Follow these steps to set up your HAMTYSAN 10.1 Inch Touchscreen Monitor:

1. **Connect the Monitor:** Use the provided HDMI cable to connect the monitor's HDMI port to the HDMI output port of your device (e.g., Raspberry Pi, laptop, PC).
2. **Provide Power and Enable Touch Function:** Connect the provided Micro USB cable from the monitor's USB touch port to a USB port on your device or a 5V power adapter. This cable provides power to the monitor and enables the touch functionality.
3. **Mounting (Optional):** The monitor features 4 mounting holes on the backside. You can use the included bracket and screws to mount your Raspberry Pi directly to the back of the display, or use a compatible VESA mount (not included) for other setups.
4. **Power On:** Once connected, the monitor should automatically power on and display the output from your device. If not, check the power connection and device settings.

Brightness 250cd/m²

Full screen brightness 250 cd/m²
Standard brightness is enough for
any color performance.





250cd/m²

Image: A diagram illustrating the plug-and-play setup with HDMI input, showing compatibility with various operating systems and devices like personal desktops, laptops, gaming consoles, and Raspberry Pi series.



Image: A close-up of the monitor screen demonstrating 5-point capacitive touch functionality, including tap, press, zoom out, zoom in, and mouse click gestures.

4. OPERATING INSTRUCTIONS

The HAMTYSAN monitor is designed for ease of use with various devices and operating systems.

4.1. Touchscreen Functionality

The monitor supports 5-point capacitive touch, allowing for multi-touch gestures. Ensure the Micro USB cable is connected to enable touch input. The touch interface is responsive and smooth, supporting actions such as swiping, scrolling, selecting, zooming, and cursor movement.

4.2. Device Compatibility

This monitor is compatible with a wide range of devices and operating systems, including:

- **Raspberry Pi Series:** Raspberry Pi 400/4/3/2/1/3B+/BB, Octo Pi, Retro Pi
- **Other Single Board Computers:** Jetson Nano, Banana Pi, BB Black
- **Computers:** Laptops, PCs (Windows 7/8/10/11)
- **Other Devices:** TV boxes, Security DVRs, Car Dash-Mounted systems, Game Consoles (Nintendo Switch, Xbox, PS4)

Supported operating systems include Windows (7/8/10/11), Noobs, Debian, Ubuntu, and Kodi.

10.1" Touchscreen Monitor



Image: The monitor displaying a game, with various gaming consoles like Xbox One, Nintendo Switch, and PS4 shown below, indicating its compatibility for gaming.

Multi-Screen Sharing in The Meeting

More efficient easier to share meeting content

Extended Mode Duplicate Mode Single Screen



Image: The monitor used in a multi-screen setup during a meeting, demonstrating its utility for extended, duplicate, or single-screen display modes to share content efficiently.

Your browser does not support the video tag.

Video: A demonstration of the HAMTYSAN 10.1 Inch Raspberry Pi Touchscreen Monitor connected to a laptop, showing how it functions

as a secondary display for multitasking. The video highlights the ease of connection via HDMI and USB, and how content from the laptop is mirrored or extended to the monitor.

5. MAINTENANCE

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

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen-cleaning solution. Avoid harsh chemicals, abrasive materials, or excessive moisture.
- **General Cleaning:** Wipe the exterior of the monitor with a dry, soft cloth.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Handle the monitor with care to avoid dropping it or applying excessive pressure to the screen.

6. TROUBLESHOOTING

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

- **No Display/Black Screen:**
 - Ensure both the HDMI and Micro USB cables are securely connected to both the monitor and your device.
 - Verify that your device's video output is enabled and configured correctly for an external display.
 - Try connecting the monitor to a different HDMI port or device to rule out a port or device issue.
- **Touchscreen Not Responding:**
 - Confirm that the Micro USB cable is properly connected to both the monitor's touch port and your device's USB port. This cable carries the touch data.
 - For Raspberry Pi, ensure the operating system is configured to recognize the touchscreen input.
 - Restart your connected device.
- **Image Quality Issues (Flickering, Distorted Colors):**
 - Check the HDMI cable for damage and ensure it is fully inserted. Try a different HDMI cable if available.
 - Adjust the display settings on your connected device (resolution, refresh rate) to match the monitor's capabilities (1024x600 native, up to 1920x1080 input).

If these steps do not resolve the issue, please contact customer support for further assistance.

7. SPECIFICATIONS

Feature	Specification
Brand	HAMTYSAN
Model Number	KST-10INCH01
Screen Size	10.1 Inches
Native Resolution	1024x600 Pixels

Feature	Specification
Maximum Display Resolution	1920x1080 Pixels (Input)
Aspect Ratio	16:9
Display Type	LCD IPS Display
Viewing Angle	178 Degrees
Refresh Rate	60 Hz
Response Time	3 Milliseconds
Contrast Ratio	1000:1 to 3000:1
Screen Finish	Glossy
Connectivity Technology	HDMI, USB
Voltage	5 Volts
Item Dimensions (D x W x H)	15"D x 13"W x 14"H <i>(Note: These dimensions may refer to packaging or a different product. Please refer to actual product dimensions for precise measurements.)</i>
Mounting Type	Bracket Mount



HD

Elevate Your Scene

Feafured with IPS HD Panel
Delivering 1024X600 resolution visual
Offering 16:9 aspect ratio.

Image: Two monitors side-by-side displaying vibrant, brilliant colors, highlighting the 1024x600 resolution and 60Hz refresh rate.

Sharing Your Screen

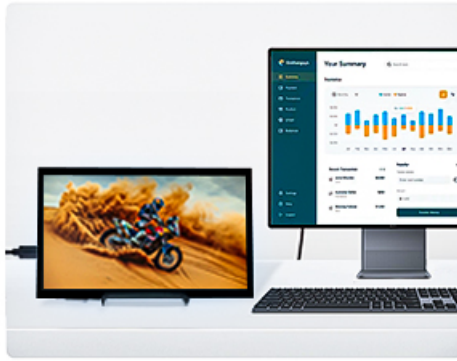


Image: A visual representation of the monitor's 178-degree full viewing angle, showing consistent image quality from wide perspectives.

8. WARRANTY AND SUPPORT

HAMTYSAN provides professional technical support to ensure a worry-free lifetime service for your monitor. All HAMTYSAN Raspberry Pi Monitors undergo testing before delivery.

- **Warranty:** Lifetime Limited Warranty.
- **Replacement Policy:** If the product experiences any quality problems within 30 days of purchase, you may contact Amazon or HAMTYSAN directly for a free replacement.
- **Contact Support:** For technical assistance or warranty claims, please refer to the contact information provided with your product packaging or visit the HAMTYSAN official website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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