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Thinlerain HD-156

Thinlerain 15.6-inch Portable Touch Screen Monitor

Model: HD-156 User Manual

Introduction

This manual provides essential information for the proper use and maintenance of your Thinlerain 15.6-inch Portable Touch Screen Monitor, model HD-156. This lightweight and slim monitor is designed to extend your workspace, offering a Full HD 1920x1080p IPS display with touch functionality. It connects easily to laptops, smartphones, and other devices via USB-C or HDMI, making it suitable for various applications from office work to entertainment.



Image: Front view of the Thinlerain 15.6-inch Portable Touch Screen Monitor, highlighting its capacitive touch screen and IPS LCD display.

Safety Information

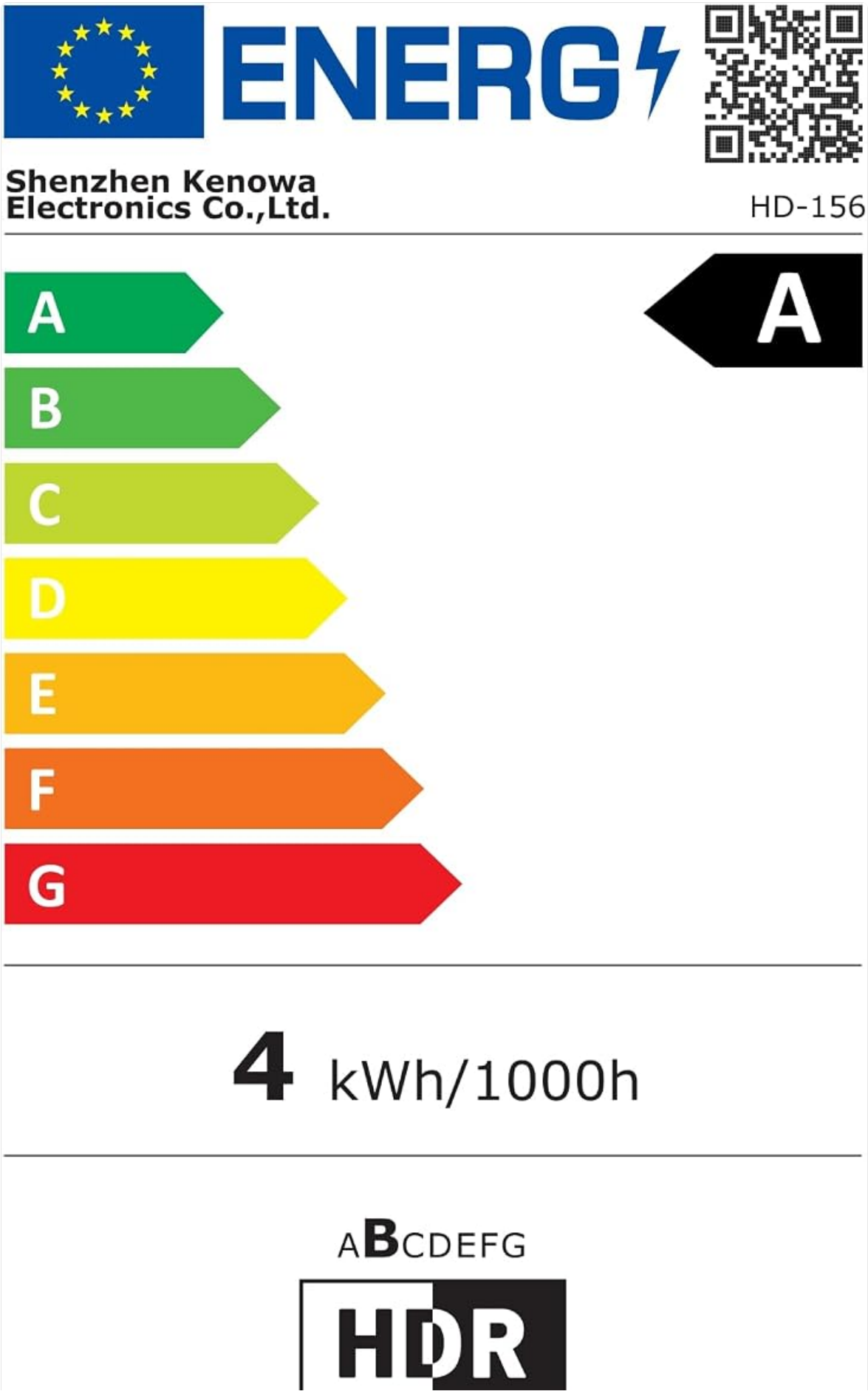
- Do not expose the monitor to rain or moisture to prevent fire or electric shock.
- Avoid placing the monitor in direct sunlight or near heat sources.
- Use only the power adapter and cables provided or recommended by the manufacturer.
- Keep the monitor away from strong magnetic fields.
- Do not attempt to disassemble or repair the monitor yourself. Refer all servicing to qualified personnel.
- Clean the screen with a soft, lint-free cloth. Avoid using harsh chemicals.

Package Contents

Please check the package contents upon unboxing to ensure all items are present:

- Thinlerain 15.6-inch Portable Touch Screen Monitor (x1)

- User Manual (x1)
- Power Cord (x1)
- USB-C to USB-C Cable (x1)
- HDMI Cable (x1)



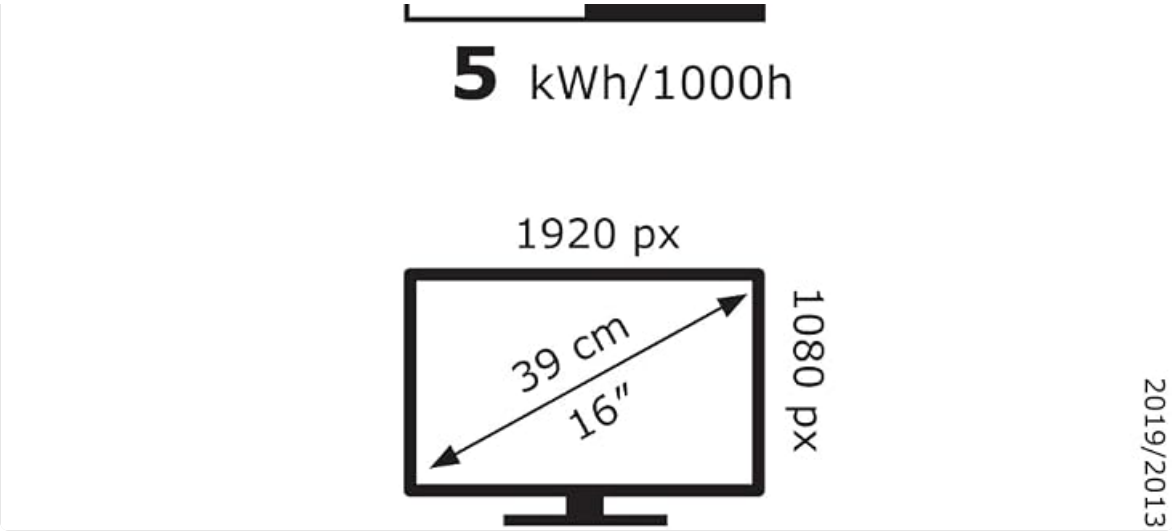


Image: Illustration of the monitor and its included accessories: user manual, power cord, USB-C cable, and HDMI cable.

Product Overview

Physical Characteristics

The Thinlerain HD-156 monitor features an ultra-slim design with a thickness ranging from 10mm to 16mm. It is lightweight and portable, making it easy to carry.

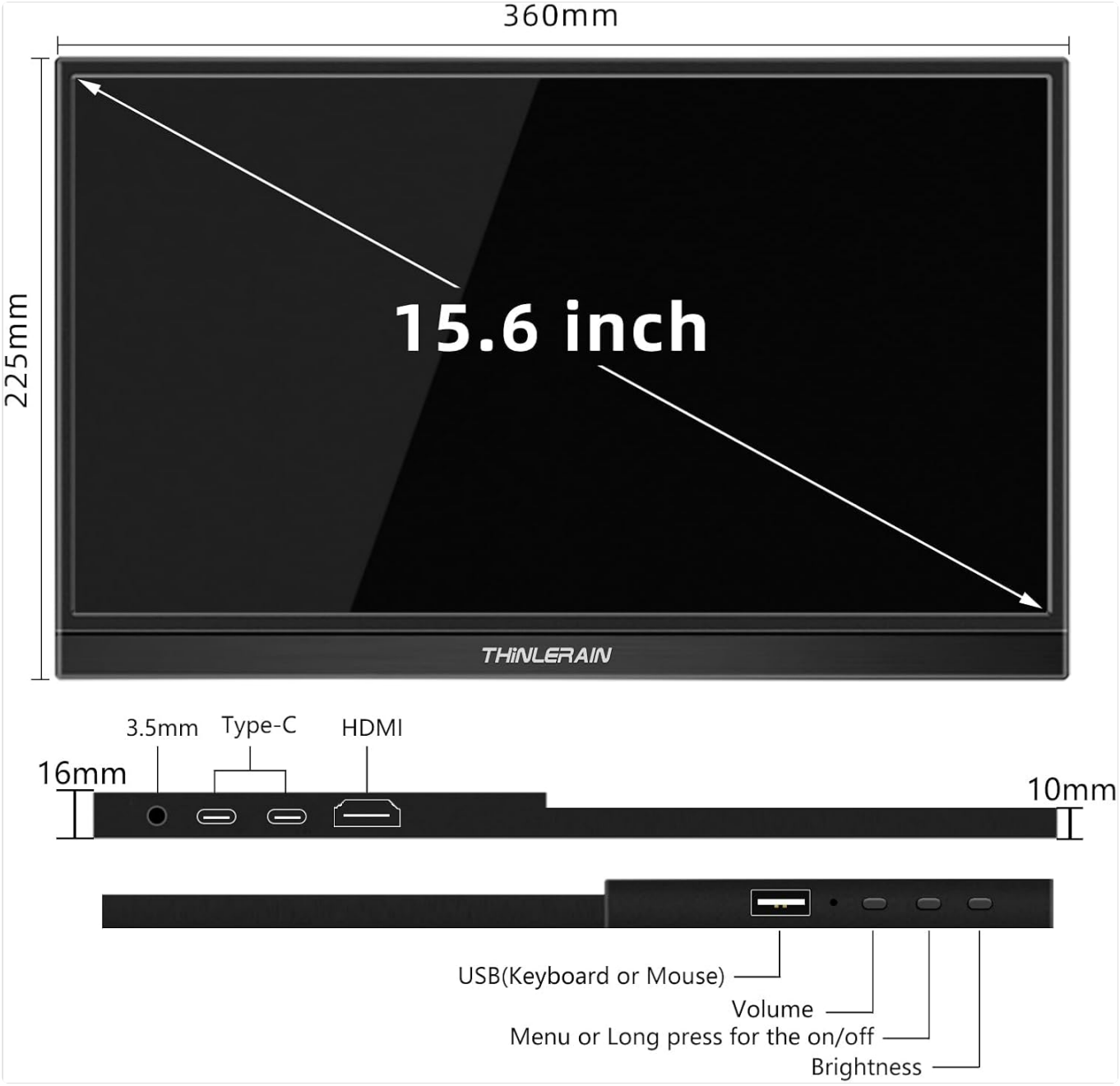


Image: The monitor's ultra-slim profile (0.39 to 0.62 inches) and durable plastic casing.

Ports and Controls

Familiarize yourself with the ports and controls located on the side of the monitor:

- **3.5mm Audio Jack:** For connecting headphones or external speakers.
- **Type-C Ports (x2):** Multi-functional ports supporting data, video, audio, touch, and power delivery via a single USB-C cable.
- **HDMI Port:** For video signal transmission from compatible devices.
- **USB Port (Keyboard or Mouse):** For connecting peripheral devices.
- **Volume Control:** Adjusts audio output.
- **Menu / Power Button:** Short press to access the On-Screen Display (OSD) menu, long press to power the monitor on/off.
- **Brightness Control:** Adjusts screen brightness.



Image: Detailed diagram showing the monitor's dimensions (360mm x 225mm, 15.6 inches diagonal) and the layout of its ports and controls.

Setup

Follow these instructions to connect your portable monitor to various devices:

Connecting to a PC with USB and HDMI

1. Connect the monitor to a power source using the provided power cord and a Type-C Power Port.
2. Connect the PC's HDMI output to the monitor's HDMI input using an HDMI cable.
3. Connect the PC's USB port to one of the monitor's Type-C ports using a USB to Type-C cable for touch functionality.

Connecting to a PC with USB Type-C 3.1 (Full Function)

1. Connect the monitor to a power source using the provided power cord and a Type-C Power Port.
2. Connect the PC's USB Type-C 3.1 port to one of the monitor's Type-C ports using a Type-C 3.1 cable. This single

cable provides video, audio, touch, and power.

Connecting to a Mobile Phone with USB Type-C 3.1 (Full Function)

1. Connect the monitor to a power source using the provided power cord and a Type-C Power Port.
2. Connect the mobile phone's USB Type-C 3.1 port to one of the monitor's Type-C ports using a Type-C 3.1 cable. This single cable provides video, audio, touch, and power.

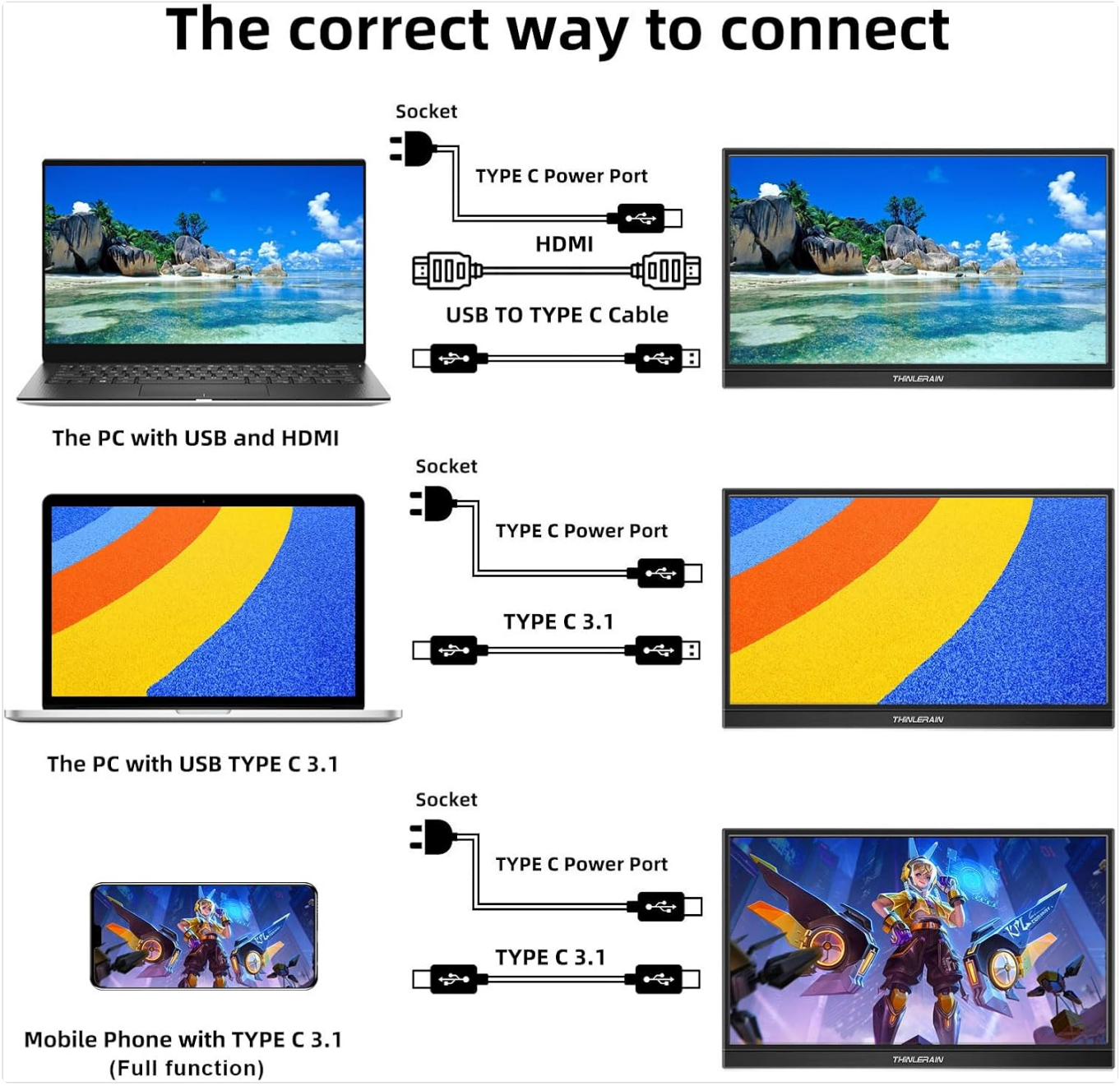


Image: Visual guide demonstrating the correct connection methods for the monitor with a PC (using USB and HDMI or USB Type-C 3.1) and a mobile phone (using USB Type-C 3.1).

Operating Instructions

Power On/Off and Basic Controls

- **Power On:** Long press the Menu/Power button until the screen illuminates.
- **Power Off:** Long press the Menu/Power button until the screen turns off.
- **OSD Menu:** Short press the Menu/Power button to access the On-Screen Display menu for settings adjustments.
- **Brightness:** Use the Brightness control button to adjust screen luminosity.

- **Volume:** Use the Volume control button to adjust audio output.

Touch Screen Functionality

The monitor supports a 10-point capacitive multi-touch screen, offering various gestures for interaction:

- **Touch:** Single tap for selection or activation.
- **Enlarge:** Pinch out with two fingers to zoom in.
- **Zoom Out:** Pinch in with two fingers to zoom out.
- **Drag:** Press and hold, then move your finger to drag items.
- **Whirlygig:** Rotate two fingers to rotate objects (if supported by application).
- **Two-finger Touch:** Used for specific application functions, often equivalent to a right-click.



Image: Visual representation of various touch gestures supported by the monitor, including single touch, enlarge, zoom out, drag, whirlygig, and two-finger touch.

Display Modes

The monitor supports two primary display modes when connected to a computer:

- **Copy Screen:** Duplicates the content of your primary display.
- **Extended Screen:** Extends your desktop across both displays, allowing for increased workspace.



Image: A user working with the Thinlerain portable monitor set up as an extended display, demonstrating its utility for productivity.

Maintenance

- **Cleaning the Screen:** Gently wipe the screen with a soft, dry, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a screen-specific cleaning solution (avoid alcohol-based cleaners).
- **Cleaning the Casing:** Use a soft, damp cloth to clean the monitor's casing. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, preferably in its original packaging or a protective sleeve.
- **Avoid Impact:** Protect the monitor from drops or impacts, especially the screen.

Troubleshooting

If you encounter issues with your monitor, refer to the following common problems and solutions:

- **No Power:** Ensure the power cord is securely connected to both the monitor and a working power outlet. Check if the power adapter is functioning.
- **No Signal:** Verify that the video cable (USB-C or HDMI) is correctly connected to both the monitor and the source device. Ensure the source device is powered on and outputting a signal. Try a different cable or port.
- **No Touch Functionality:** For touch to work, ensure the USB-C cable is connected and supports data/touch transmission, or if using HDMI, ensure a separate USB-C cable is connected for touch data. Some devices may require specific drivers or settings.
- **Flickering Screen:** Check cable connections. Ensure the display resolution and refresh rate are supported by both the monitor and the source device.
- **Image Distortion/Incorrect Colors:** Reset monitor settings to factory defaults via the OSD menu. Check the source device's display settings.
- **Audio Issues:** Ensure volume is not muted on both the monitor and the source device. Check headphone/speaker connections.

If the problem persists after trying these steps, please contact customer support.

Specifications

Detailed technical specifications for the Thinlerain HD-156 Portable Touch Screen Monitor:

Feature	Specification
Model Number	HD-156
Screen Size	15.6 Inches
Resolution	1920 x 1080 (FHD 1080p)
Display Technology	IPS LED
Aspect Ratio	16:9
Refresh Rate	60 Hz
Response Time	5 milliseconds
Contrast Ratio	High
Viewing Angle	178 Degrees
Screen Surface	Matte
Connectivity	2x USB Type-C, 1x HDMI, 1x 3.5mm Audio
Special Features	Built-in Speaker, Portable, Touch Screen
Dimensions (P x L x H)	1P x 36L x 22.5H centimeters
Manufacturer	Shenzhen Kenowa Electronics Co.,Ltd.



	Parameter	Parameter oder Wert und Genauigkeit	Einheit
1.	Name oder Warenzeichen des Lieferanten	Shenzhen Kenowa Electronics Co.,Ltd.	
	Anschrift des Lieferanten	EUREP GmbH, Unterlettenweg 1a, DE	
2.	Modellkennung	HD-156	
3.	Energieeffizienzklasse bei Standard-Dynamikumfang (SDR)	A	
4.	Leistungsaufnahme im Ein-Zustand bei SDR	4,1	W
5.	Energieeffizienzklasse bei hohem Dynamikumfang (HDR)	B	
6.	Leistungsaufnahme im Ein-Zustand bei hohem Dynamikumfang (HDR), falls vorhanden	4,5	W
7.	Leistungsaufnahme im Aus-Zustand, falls zutreffend	0,3	W
8.	Leistungsaufnahme im Bereitschaftszustand, falls zutreffend	0,4	W
9.	Leistungsaufnahme im vernetzten Bereitschaftsbetrieb, falls zutreffend	Nicht zutreffend	W
10.	Art des elektronischen Displays	Monitor	
11.	Seitenverhältnis	16 : 9	
12.	Bildschirmauflösung	1 920 x 1 080	pixels
13.	Bildschirmdiagonale	39,4	cm
14.	Bildschirmdiagonale	16	Zoll
15.	Sichtbare Bildschirmfläche	6,6	dm^2
16.	Verwendete Panel-Technologie	LCD	
17.	Automatische Helligkeitsregelung (ABC) vorhanden	Nein	
18.	Spracherkennungssensor vorhanden	Nein	
19.	Anwesenheitssensor vorhanden	Nein	
20.	Bildwiederholfrequenz (Standard)	60	Hz
21.	Mindestens garantierte Software- und Firmware-Aktualisierungen (ab dem Datum der Beendigung des Inverkehrbringens)	1	Jahre
22.	Mindestens garantierte Verfügbarkeit von Ersatzteilen (ab dem Datum der Beendigung des Inverkehrbringens)	1	Jahre
23.	Mindestens garantierte Produktunterstützung	1	Jahre
	Mindestlaufzeit der vom Lieferanten angebotenen allgemeinen Garantie	1	Jahre
24.	Art der Stromversorgung (Netzteil)	Extern	
25.	Externes Netzteil (nicht genormt, in der Verkaufsverpackung enthalten)		
	i LCD monitor		
	ii Eingangsspannung	240	V
	iii Ausgangsspannung	5,0	V
26.	Genormtes externes Netzteil (oder geeignetes Netzteil, falls nicht in der Verkaufsverpackung enthalten)		
	i -		
	ii Benötigte Ausgangsspannung	-	V
	iii Benötigte (Mindest-)Stromstärke	-	A
	iv Benötigte Stromfrequenz	-	Hz

Model placed on the Union market from 15/01/2024

EPREL registration number: 1897080

https://eprel.ec.europa.eu/qr/1897080

Supplier: EUREP GmbH (Manufacturer)

Website:

Customer care service:

Name: EUREP GmbH

Website:

Email: eurep@eurep-gmbh.com Phone: 004984188697744

Address:
Unterlettenweg 1a
Deutschland

Image: Product data sheet providing detailed technical specifications. For more information, refer to the EPREL database.



Image: EU Energy Label for the Thinlerain HD-156 monitor, indicating energy efficiency class A and power consumption. Further details are available on the EPREL database.

Warranty and Support

Thinlerain products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your purchase or visit the official Thinlerain website. If you require technical assistance or have questions not covered in this manual, please contact Thinlerain customer support.

Manufacturer: Shenzhen Kenowa Electronics Co.,Ltd.

Brand: Thinlerain

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Name

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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

Answered questions about this manual

Does the Thinlerain HD-156 monitor meet the recommended technical parameters for sRGB color space, contrast ratio, and IEC 60950-1-2013 criteria?

Based on the available technical specifications for the Thinlerain HD-156, here is how the monitor compares to your requested parameters: Contrast Ratio: The manual lists the contrast ratio as "High" but does not provide...

Read full answer

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