

UPERFECT P156AHBW

UPERFECT 15.6" 1080P Wireless Portable Monitor Instruction Manual

Model: P156AHBW

INTRODUCTION

The UPERFECT 15.6" 1080P Wireless Portable Monitor (Model P156AHBW) is designed to enhance your productivity and entertainment on the go. This monitor features true wireless connectivity via AirPlay and Miracast, a built-in 8000mAh battery for extended use, and a hybrid design supporting both wireless and wired connections. Its lightweight and slim profile, combined with an adjustable stand and VESA compatibility, offer flexible viewing options for various devices including laptops, PCs, phones, and game consoles.

PACKAGE CONTENTS

Before you begin, please ensure all items are present in your package:

- UPERFECT 15.6" Wireless Portable Monitor
- 18W Power Adapter
- HDMI Cable
- Type-C Cable (x2)
- Protective Case Bag
- Bluetooth Keyboard (if included with your specific model)

Package Includes

For the best performance: Use the original cable only.

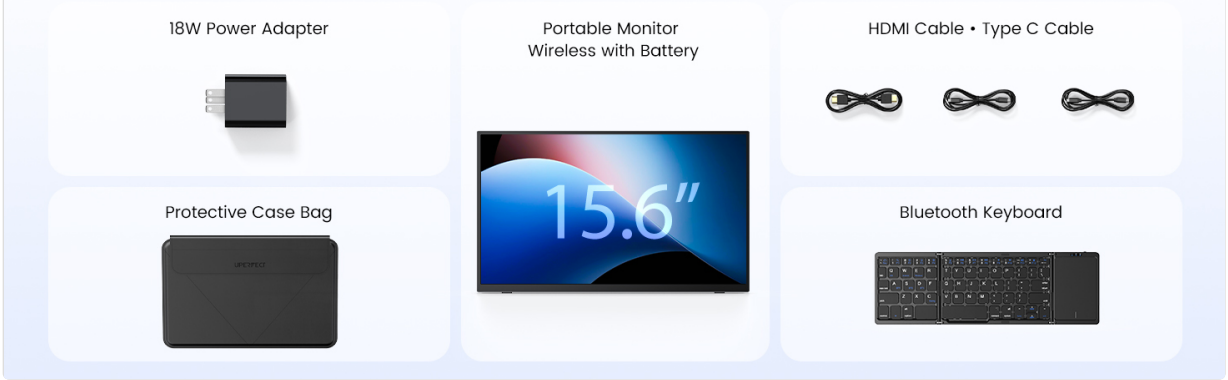


Figure 1: Package Contents. The image displays the monitor, power adapter, HDMI cable, two Type-C cables, a protective case, and a Bluetooth keyboard.

SETUP

1. Initial Charging and Power On

Before first use, it is recommended to fully charge the monitor. Connect the provided 18W Power Adapter to one of the USB-C ports on the monitor. The 8000mAh built-in battery provides approximately 3-4 hours of wireless use on a full charge.



Figure 2: Battery and Charging. The monitor features an 8000mAh battery, offering 3-4 hours of wireless use and 2 hours for fast charging.

2. Physical Setup and Positioning

The monitor includes a built-in adjustable metal stand for flexible positioning in both horizontal and vertical orientations. For alternative mounting, the monitor supports 75x75mm VESA mounts.

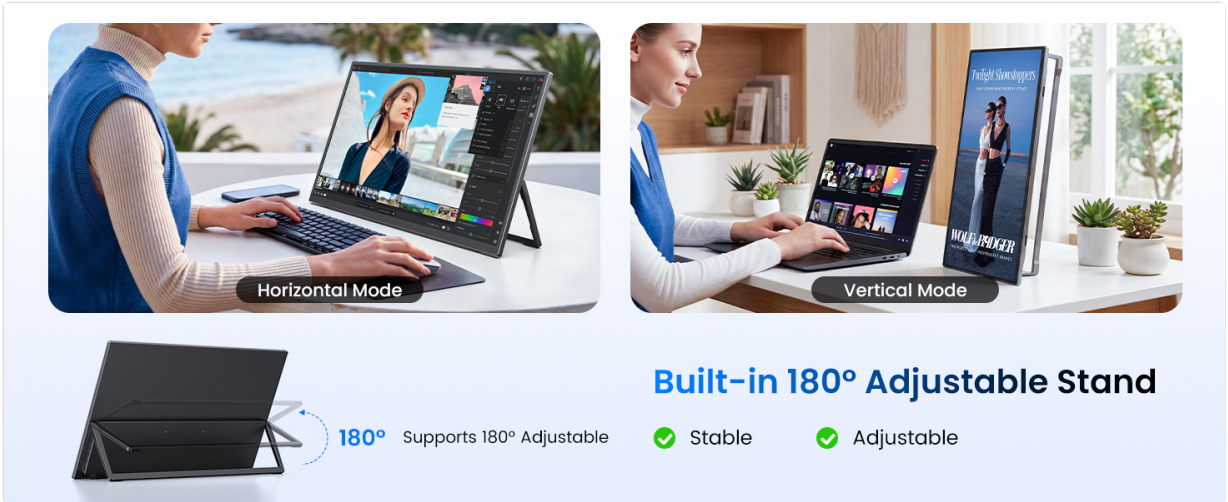


Figure 3: Adjustable Stand. The monitor's integrated stand allows for stable and adjustable viewing in both horizontal and vertical orientations.

75mm VESA Compatible

- ✓ Flexibility
- ✓ Ergonomics
- ✓ Free Space



VESA Size: 75mm / 2 holes
Screw Size: M4*4mm



Figure 4: VESA Compatibility. The monitor features 75mm VESA mounting holes (M4*4mm screws) for use with monitor arms or wall mounts.

3. Connecting Your Devices

The monitor offers both wireless and wired connectivity options.

Wireless Connection (AirPlay & Miracast)

For true wireless mirroring or extending your screen, use AirPlay (for macOS, iOS, iPadOS) or Miracast (for Windows & Android devices). No apps or complex setup is required; simply tap and connect.

- **AirPlay:** Compatible with iPhone, iPad, MacBooks, and Mac mini.
- **Miracast:** Compatible with Windows laptops, PCs, Android tablets, and phones. Miracast requires Wi-Fi Direct-compatible Windows hardware.

Note: ChromeOS, Linux, and gaming consoles do not support wireless casting and require a wired connection.

Connect in Seconds, Works Across Your Devices

No apps. No setup. Just tap and connect.



Miracast Windows & Android



AirPlay MacOS, iOS & iPadOS



1. Miracast requires Wi-Fi Direct-compatible Windows hardware.
2. ChromeOS, Linux, and gaming consoles do not support wireless casting.

Figure 5: Wireless Connectivity. The monitor supports Miracast for Windows and Android, and AirPlay for macOS and iOS devices.

Your browser does not support the video tag.

Video 1: UPERFECT Wireless Portable Monitor 15.6". This video demonstrates the monitor's wireless capabilities and ease of connection.

Wired Connection (USB-C & Mini HDMI)

For stable performance, lower latency, or compatibility with devices that do not support wireless casting,

use the wired connection options. The monitor features two USB-C 3.1 ports and one Mini HDMI port.

- **USB-C:** Connect compatible laptops, PCs, and phones using a single USB-C cable for both power and video signal.
- **Mini HDMI:** Connect devices like game consoles, older laptops, or PCs using the provided HDMI to Mini HDMI cable. An additional USB-C cable may be required for power.

Note: Wireless mode supports up to 1080P@60Hz; higher refresh rates or resolutions may require a wired connection.

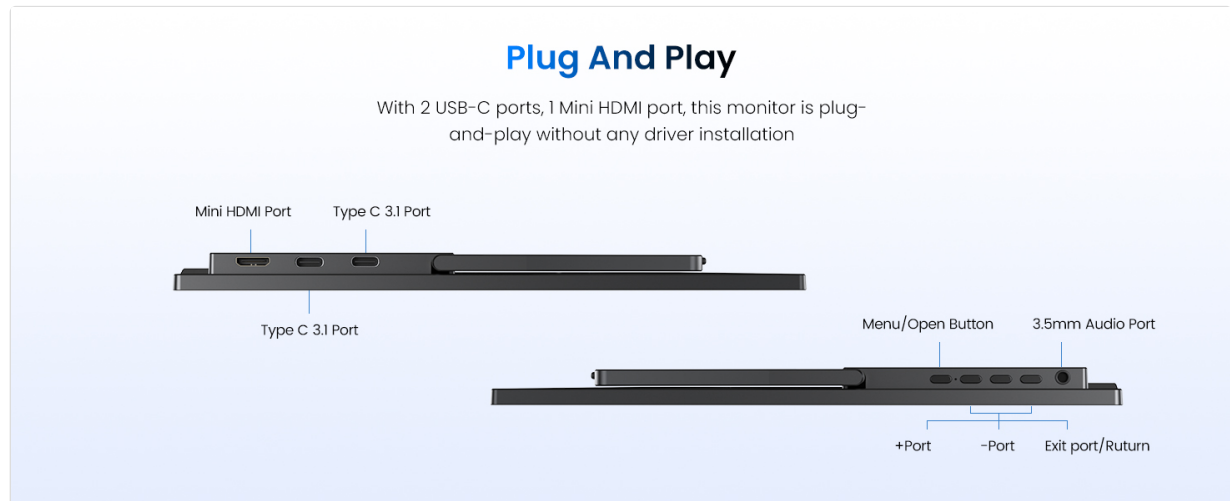


Figure 6: Monitor Ports. The diagram highlights the Mini HDMI port, two Type-C 3.1 ports, and control buttons for easy access.

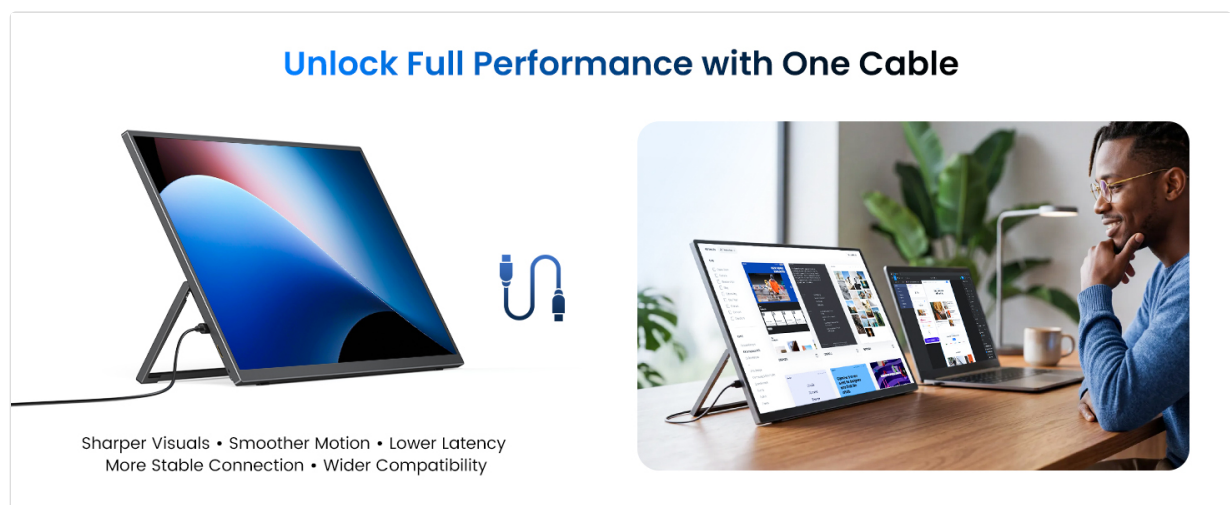


Figure 7: Single Cable Connectivity. A single USB-C cable can provide both power and video signal for compatible devices, simplifying setup.

OPERATING INSTRUCTIONS

1. Basic Controls

The monitor features a Menu/Open button and +/- buttons for navigation and adjustments. These controls allow you to access the On-Screen Display (OSD) menu to modify settings such as brightness, contrast, color, and input source.

- **Menu/Open Button:** Press to open the OSD menu. Press and hold to power on/off.
- **+/- Buttons:** Navigate through menu options or adjust values.

2. Auto-Rotation Feature

When connected to a compatible phone or tablet, the built-in gravity sensor automatically rotates the screen orientation (horizontal or vertical) as you rotate the monitor. This feature is ideal for viewing vertical content like social media feeds or documents.

Note: Auto-rotation applies only to phones and tablets connected wirelessly. For laptops, screen orientation must be adjusted manually through the operating system settings.

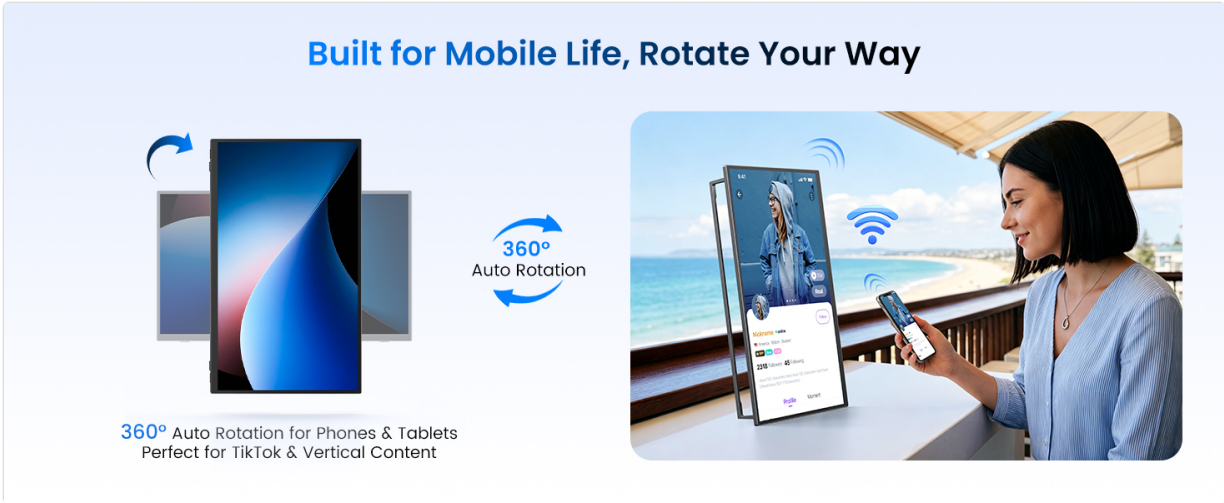


Figure 8: Smart Auto-Rotation. The monitor automatically adjusts its display orientation when used with compatible mobile devices.

3. Using the Bluetooth Keyboard

If your package includes the Bluetooth keyboard, follow these steps to connect and use it:

1. **Power On:** Slide the ON/OFF switch on the keyboard to "ON".
2. **Pairing:**
 - a. Press **Fn + C** until the blue light flashes to enter pairing mode.
 - b. On your device (laptop, phone, tablet), go to Bluetooth settings and select "Bluetooth 5.1 Keyboard" to pair.
3. **Switching Devices:** The keyboard supports connecting to up to three devices. Press **Fn + A** for Device 1, **Fn + S** for Device 2, and **Fn + D** for Device 3 to switch between paired devices.

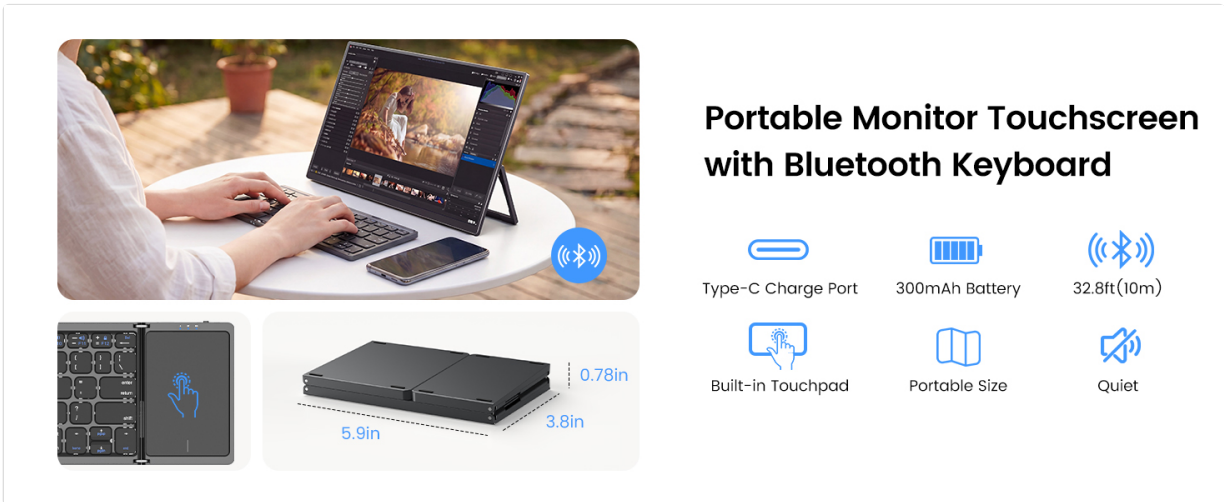


Figure 9: Bluetooth Keyboard Features. The keyboard includes a Type-C charging port, 300mAh battery, 32.8ft (10m) Bluetooth range, built-in touchpad, and a portable, quiet design.



Figure 10: Multi-Device Connection. The Bluetooth keyboard allows quick switching between three paired devices using Fn + A/S/D combinations.



Figure 11: Easy Keyboard Connection. Steps for powering on, entering pairing mode (Fn+C), and connecting the Bluetooth keyboard to your device.

4. Power Bank Functionality

The monitor can provide up to 15W (5V/3A) of power to charge your phone in emergencies. Connect your phone to one of the monitor's USB-C ports using a compatible cable.

Note: This feature is not suitable for fast-charging devices that require 9V+.

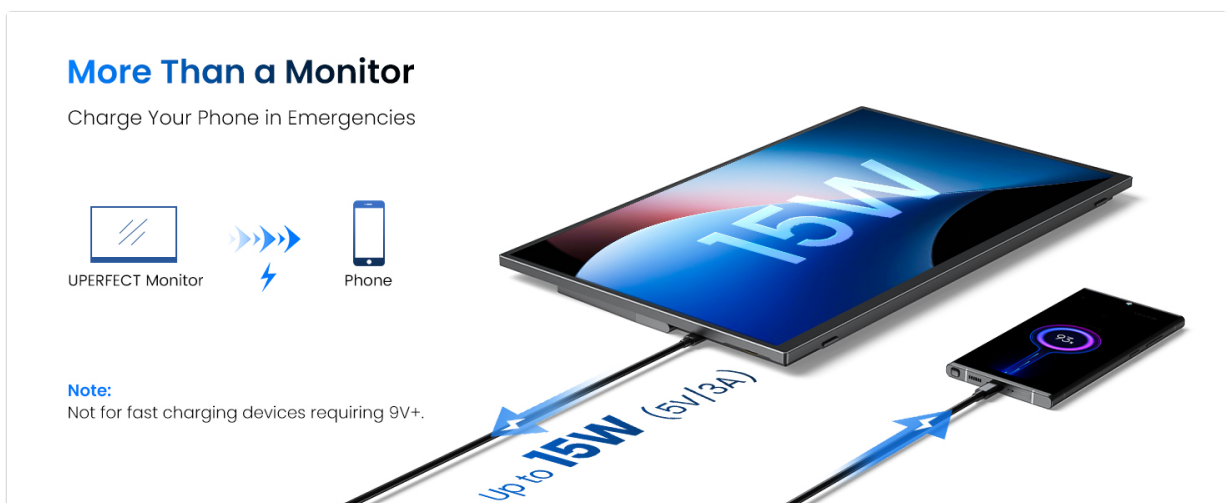


Figure 12: Emergency Phone Charging. The monitor can act as a power bank, providing up to 15W output to charge compatible phones.

MAINTENANCE

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Cleaning the Body:** Wipe the monitor's body with a soft, dry cloth.
- **Battery Care:** To prolong battery life, avoid fully discharging the monitor frequently. Store the monitor in a cool, dry place when not in use for extended periods.
- **Storage:** Use the provided protective case bag when traveling or storing the monitor to prevent scratches and damage.

TROUBLESHOOTING

No Display / Black Screen:

- Ensure the monitor is powered on and sufficiently charged.
- Check all cable connections (USB-C, HDMI) are secure.
- Verify the input source selected on the monitor matches your connection.
- For wireless connections, ensure your device's AirPlay/Miracast is enabled and connected to the monitor.
- If using a wired connection, ensure your device supports video output over the chosen port (e.g., USB-C port supports DisplayPort Alt Mode).

Wireless Connection Issues:

- Ensure the monitor and your device are within range (up to 33ft).
- Check for interference from other wireless devices.
- Restart both the monitor and your source device.
- Confirm your device's operating system and hardware support AirPlay or Miracast.

Screen Orientation Not Changing (Laptops):

- The auto-rotation feature is primarily for phones and tablets. For laptops, you must manually adjust the display orientation in your operating system's display settings.

Brightness Resets to Low:

- Some users have reported that brightness settings may not save after powering off. Adjust brightness via the OSD menu each time you power on if this occurs.

Washed Out Colors (HDR):

- If colors appear washed out, especially when connected to a game console, try disabling HDR in either the monitor's OSD settings or the console's display settings.

SPECIFICATIONS

Feature	Detail
Brand	UPERFECT
Model Number	P156AHBW

Feature	Detail
Screen Size	15.6 inches
Resolution	FHD 1080p (1920x1080)
Aspect Ratio	16:9
Screen Surface	Matte, Anti Glare
Display Type	LED IPS LCD
Refresh Rate	60 Hz
Response Time	1 millisecond
Brightness	350 cd/m²
Contrast Ratio	1500:1
Color Gamut	125% sRGB
Viewing Angle	178 degrees
Battery Capacity	8000mAh
Connectivity	2x USB-C 3.1, 1x Mini HDMI, 3.5mm Audio Port
Wireless Support	AirPlay, Miracast
Adaptive Sync	FreeSync
Item Weight	1.7 lbs (0.77 kg)
Item Dimensions (D x W x H)	0.23"D x 14"W x 8"H (approx.)
Additional Features	Built-In Speakers, Eye Care, Flicker-Free, Auto-Rotation (for phones)

WARRANTY AND SUPPORT

The UPERFECT 15.6" Wireless Portable Monitor comes with a **2-Year Limited Manufacturer Warranty**. For technical support, warranty claims, or further assistance, please refer to the contact information provided in your product packaging or visit the official UPERFECT website. You can also reach out to the seller directly through the platform where you purchased the product.

Online Resources:

- [UPERFECT Brand Store on Amazon](#)