

## MOMODS 185CM1

# MOMODS Portable Monitor 18.5 Inch 100Hz User Manual

Model: **185CM1** | Brand: **MOMODS**

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## 1. INTRODUCTION

This manual provides detailed instructions for the MOMODS 18.5-inch Portable Monitor (Model 185CM1). This monitor features a 1080P Full HD IPS display with a 100Hz refresh rate, designed for enhanced visual clarity and smooth performance. It offers versatile connectivity options including USB-C and Mini HDMI, making it compatible with a wide range of devices such as laptops, smartphones, and gaming consoles. The monitor also includes eye protection features and VESA mounting capability for flexible use.



Image 1.1: The MOMODS 18.5-inch Portable Monitor, showcasing its large display and key features like FHD 1080P, IPS 178°, HDR, VESA compatibility, and 120Hz refresh rate.

## 2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- MOMODS 18.5-inch Portable Monitor
- Smart Magnetic Cover
- USB-C to USB-C Cable (for video and power)
- Mini HDMI to HDMI Cable (for video)
- USB-A to USB-C Cable (for power)
- Power Adapter (PD 20W)
- User Manual

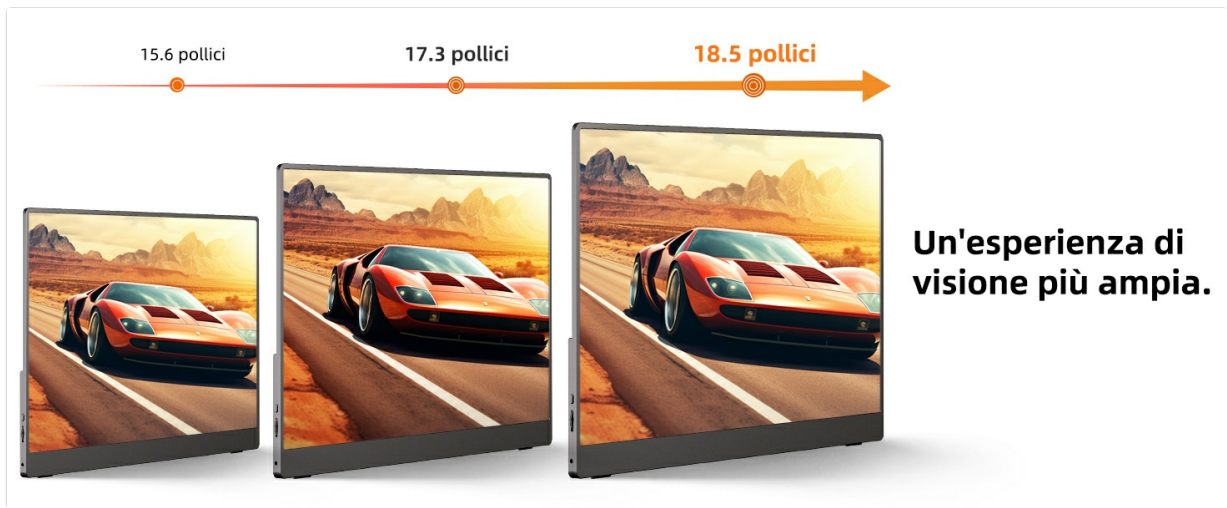


Image 2.1: Visual representation of the items included in the product box, such as the monitor, smart cover, various cables, power adapter, and user manual.

### 3. PRODUCT OVERVIEW

Familiarize yourself with the monitor's physical components and ports.

#### 3.1. Ports and Controls

Produktdatenblatt				
DELEGIERTE VERORDNUNG (EU) 2019/2013 DER KOMMISSION zur Energieverbrauchskennzeichnung von elektronischen Displays				
	Parameter	Parameter oder Wert und Genauigkeit		Einheit
1.	Name oder Warenzeichen des Lieferanten	MOMODS		
	Anschrift des Lieferanten	MIHAI, Bloc 42, Scara 1, Etaj 5, Apartament 29, 22882 București Sectorul 2, Romania		
2.	Modellkennung	GS185CM1/GS185D-M1/GS185C2/GS185D2		
3.	Energieeffizienzklasse bei Standard-Dynamikumfang (SDR)	A		
4.	Leistungsaufnahme im Ein-Zustand bei SDR	7,0		W
5.	Energieeffizienzklasse bei hohem Dynamikumfang (HDR)	A		
6.	Leistungsaufnahme im Ein-Zustand bei hohem Dynamikumfang (HDR), falls vorhanden	0,1		W
7.	Leistungsaufnahme im Aus-Zustand, falls zutreffend	0,3		W
8.	Leistungsaufnahme im Bereitschaftszustand, falls zutreffend	0,5		W
9.	Leistungsaufnahme im vernetzten Bereitschaftsbetrieb, falls zutreffend	0,0		W
10.	Art des elektronischen Displays	Monitor		
11.	Seitenverhältnis	16	:	9
12.	Bildschirmauflösung	1 920	x	1 080 pixels
13.	Bildschirmdiagonale	47,1		cm
14.	Bildschirmdiagonale	18		Zoll
15.	Sichtbare Bildschirmfläche	95		dm <sup>2</sup>

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)		-	Jahre
22.	Mindestens garantierte Verfügbarkeit von Ersatzteilen (ab dem Datum der Beendigung des Inverkehrbringens)		-	Jahre
23.	Mindestens garantierte Produktunterstützung		-	Jahre
	Mindestlaufzeit der vom Lieferanten angebotenen allgemeinen Garantie		-	Jahre
24.	Art der Stromversorgung (Netzteil)	Intern		

Seite 1 / 2

25.	Externes Netzteil (nicht genormt, in der Verkaufsverpackung enthalten)			
	<i>i</i>	-		
	<i>ii</i>	Eingangsspannung	-	V
	<i>iii</i>	Ausgangsspannung	-	V
26.	Genormtes externes Netzteil (oder geeignetes Netzteil, falls nicht in der Verkaufsverpackung enthalten)			
	<i>i</i>	-		
	<i>ii</i>	Benötigte Ausgangsspannung	-	V
	<i>iii</i>	Benötigte (Mindest-)Stromstärke	-	A
	<i>iv</i>	Benötigte Stromfrequenz	-	Hz

Image 3.1: Detailed view of the monitor's side, indicating the Power button, Menu button, Scroll wheel, Audio Output, two USB Type-C ports, and one Mini HDMI port.

- **Power Button:** Press and hold to turn the monitor on or off.
- **Menu Button:** Access the On-Screen Display (OSD) menu.
- **Scroll Wheel:** Navigate through OSD menu options and adjust settings.
- **Audio Output:** 3.5mm jack for connecting external headphones or speakers.
- **USB Type-C Ports (x2):** For power delivery, video, and audio signal transmission. Ensure your device supports Thunderbolt 3/4 or USB 3.1 for full functionality.
- **Mini HDMI Port:** For video and audio signal transmission from devices with HDMI output.

## 4. SETUP AND CONNECTION

The MOMODS portable monitor offers flexible connection options for various devices.

### 4.1. Single Cable Connection (USB-C)

For devices with a full-featured USB Type-C port (supporting DisplayPort Alternate Mode and Power Delivery), a single USB-C to USB-C cable can provide both power and display signals.

1. Connect one end of the USB-C to USB-C cable to your device's full-featured USB-C port.
2. Connect the other end of the USB-C to USB-C cable to either USB Type-C port on the monitor.
3. The monitor should automatically detect the signal. If power is insufficient (e.g., for higher brightness), connect the provided power adapter to the other USB Type-C port on the monitor.

## One cable connection



### One USB-C cable for both power and display

Please ensure that your device's type-c port is Thunderbolt 3/4 or supports the transmission of audio and video signals. External power is required if power is insufficient. It requires PD 20W or above.



## Two cables connection



### HDMI to HDMI cable



### USB-A to USB-C power cable

If your device doesn't have a Type-C port, you can transmit signals through an HDMI cable while providing external power to the display screen.



Image 4.1: A laptop connected to the MOMODS portable monitor using a single USB-C cable for both power and display.

## 4.2. Dual Cable Connection (HDMI + Power)

For devices without a full-featured USB Type-C port, or for devices with HDMI output, you will need two cables: one for video and one for power.

1. Connect one end of the Mini HDMI to HDMI cable to the monitor's Mini HDMI port.
2. Connect the other end of the Mini HDMI to HDMI cable to your device's HDMI port.
3. Connect the USB-A to USB-C power cable to the monitor's USB Type-C port and the USB-A end to a power source (e.g., the provided power adapter or a powered USB port on your device).

# VESA MOUNTABLE

You can install it up and use it vertically or horizontally.



Image 4.2: A laptop connected to the MOMODS portable monitor using an HDMI cable for video and a separate USB-C cable for power.

## 4.3. Device Compatibility

The monitor is compatible with a variety of devices:

- **USB-C (Full Function):** Laptops, Nintendo Switch, Xbox (requires external power), compatible smartphones (must support USB 3.1 or Thunderbolt 3/4).
- **Mini HDMI:** Laptops, Macbooks, PS4/PS5, desktop PCs, digital cameras.

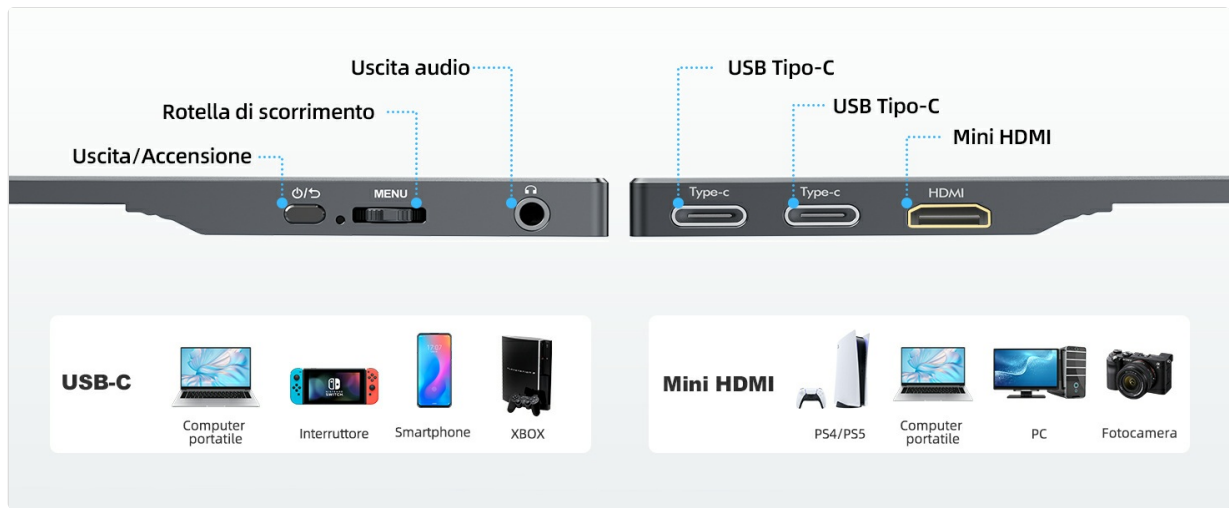


Image 4.3: Examples of devices connecting to the monitor, showing HDMI for laptops, Mac, PS5, and USB-C for laptops, Switch, Xbox, and smartphones.

## 5. OPERATION

### 5.1. Power On/Off and Menu Navigation

- **Power On:** Press and hold the Power button until the screen illuminates.
- **Power Off:** Press and hold the Power button until the screen turns off.
- **OSD Menu:** Press the Menu button to open the On-Screen Display menu. Use the Scroll wheel to navigate through options and adjust values. Press the Menu button again to confirm selections or exit.

### 5.2. Display Modes

The monitor supports multiple display modes to suit your needs:

- **Extend Mode:** Expands your desktop across both screens, providing more workspace.
- **Duplicate Mode (Mirror Mode):** Duplicates your primary screen's content onto the portable monitor.
- **Second Screen Mode:** Uses only the portable monitor as the display.



Image 5.1: A visual guide demonstrating the Extend, Duplicate, and Second Screen display modes when connecting the portable monitor to a laptop.

### 5.3. High Refresh Rate (100Hz) and HDR

The monitor features a 100Hz refresh rate and HDR technology for a smoother and more vibrant visual experience, especially beneficial for gaming and multimedia content.

**MOMODS 185CM1**

## Monitor Portatile 18,5" 100Hz

Elevata frequenza di aggiornamento di 100 Hz, 100% sRGB e profondità di colore a 8 bit, 16,7 milioni di colori, luminosità di 400 nit, HDR e tecnologia. Visualizza un maggior numero di fotogrammi al secondo, riducendo il lag e il motion blur per un'esperienza di gioco più fluida ed emozionante.

Image 5.2: The monitor displaying a high-speed scene, illustrating the benefit of the 100Hz refresh rate for reduced motion blur and smoother visuals.



Image 5.3: A gaming scenario displayed on the monitor, demonstrating the enhanced contrast and color provided by HDR technology.

## 5.4. Eye Care Features

The monitor includes a blue light filter and flicker-free technology to reduce eye strain during prolonged use.

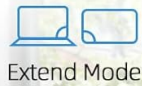


Image 5.4: A visual comparison highlighting the benefits of low blue light and flicker-free technology for eye protection.

## 5.5. VESA Mounting

The monitor is equipped with 75x75mm VESA mounting holes, allowing for flexible installation on compatible stands or wall mounts.

# MULTIPLE DISPLAY MODES



Extend Mode



Duplicate Mode



Second Screen



Image 5.5: The MOMODS portable monitor mounted vertically on a VESA stand, demonstrating its adaptability for different setups.

## 6. MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your portable monitor.

### 6.1. Cleaning the Screen

- Turn off the monitor and disconnect all cables before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a screen-cleaning solution.
- Gently wipe the screen surface. Avoid applying excessive pressure.
- Do not use alcohol, ammonia-based cleaners, or abrasive materials, as these can damage the screen.

### 6.2. General Care

- Avoid exposing the monitor to extreme temperatures, direct sunlight, or high humidity.
- Keep the monitor away from liquids and dust.
- When transporting, use the provided smart magnetic cover to protect the screen from scratches and impacts.
- Do not place heavy objects on the monitor.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No display/Black screen	<ul style="list-style-type: none"><li>No power</li><li>Incorrect cable connection</li><li>Input source not selected</li><li>Device not outputting signal</li></ul>	<ul style="list-style-type: none"><li>Ensure power adapter is connected and monitor is turned on.</li><li>Verify cables are securely connected to both the monitor and the source device.</li><li>Check if your device's USB-C port supports video output.</li><li>Manually select the correct input source (USB-C or Mini HDMI) via the OSD menu.</li><li>Restart the source device.</li></ul>
Flickering screen	<ul style="list-style-type: none"><li>Unstable power supply</li><li>Faulty cable</li><li>Refresh rate mismatch</li></ul>	<ul style="list-style-type: none"><li>Ensure stable power supply, use the provided power adapter.</li><li>Try a different cable.</li><li>Adjust the refresh rate in your device's display settings.</li></ul>
No sound	<ul style="list-style-type: none"><li>Volume too low/muted</li><li>Incorrect audio output selected</li><li>Faulty cable</li></ul>	<ul style="list-style-type: none"><li>Increase monitor volume via OSD menu or source device.</li><li>Ensure audio output is directed to the monitor or external speakers/headphones.</li><li>Check cable connections.</li></ul>
Cannot connect via USB-C	<ul style="list-style-type: none"><li>Device USB-C port does not support video output</li><li>Insufficient power</li></ul>	<ul style="list-style-type: none"><li>Verify your device's USB-C port supports DisplayPort Alternate Mode (DP Alt Mode) and Power Delivery.</li><li>Connect the external power adapter to the monitor.</li></ul>

## 8. SPECIFICATIONS

Detailed technical specifications for the MOMODS 18.5-inch Portable Monitor (Model 185CM1).

Feature	Specification
Brand	MOMODS
Model Name	185CM1
Screen Size	18.5 Inches

Feature	Specification
Display Technology	LCD (IPS Panel)
Resolution	1920 x 1080 (FHD 1080p)
Aspect Ratio	16:9
Refresh Rate	100 Hz
Response Time	2 Milliseconds
Brightness	400 Candela (nits)
Contrast Ratio	2000:1
Viewing Angle	178 Degrees
Screen Surface	Matte
Hardware Interface	Mini HDMI, USB Type-C (x2)
Compatible Devices	Smartphone, PC, Laptop, Mac, Gaming Consoles (PS5, Xbox, Switch)
Special Features	Blue Light Filter, HDR, VESA Mountable (75x75mm)
Product Dimensions	0.5 x 27 x 42 cm
Item Weight	1.12 Kilograms
Power Consumption	20 Watts

## 9. WARRANTY AND SUPPORT

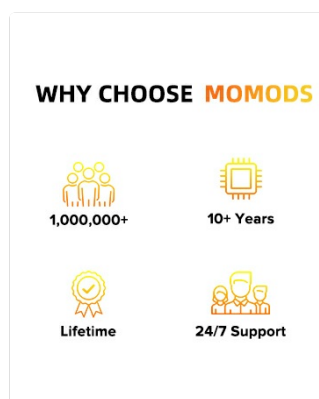
MOMODS is committed to providing high-quality products and customer satisfaction.

### 9.1. Warranty Information

Specific warranty details are typically provided with your product documentation or can be found on the official MOMODS website. Please retain your proof of purchase for warranty claims.

### 9.2. Customer Support

A professional customer service team is available to assist you with any questions or issues you may encounter. For support, please refer to the contact information provided in your product packaging or on the official MOMODS website.



*Image 9.1: MOMODS commitment to customer satisfaction, including lifetime support and 24/7 customer service.*

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