

InnoView INVPM405 01B

InnoView 16-inch 180Hz Portable Monitor User Manual

Model: INVPM405 01B

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your InnoView 16-inch 180Hz Portable Monitor. Please read it thoroughly to ensure proper use and to maximize your device's performance and longevity.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- InnoView 16-inch 180Hz Portable Monitor
- USB-C to USB-C Cable (Full-featured)
- HDMI to HDMI Cable
- USB-A to USB-C Power Cable
- Protective Sleeve
- User Manual (this document)

FHD 1920*1200 IPS DISPLAY

Enhanced motion clarity: 180Hz refresh rate delivers smoother visuals versus 60Hz



Low
blue light



16:10
screen



16.7
Million colors



100%
sRGB



250Nits
Brightness



1000:1
Contrast Ratio

Image: The InnoView 16-inch Portable Monitor with its included cables and protective sleeve.

3. PRODUCT OVERVIEW

3.1. Key Features

- **Display:** 16-inch FHD (1920x1200) IPS Panel, 16:10 Aspect Ratio
- **Refresh Rate:** 180Hz for smooth visuals
- **Color Accuracy:** 100% sRGB, 16.7 Million Colors
- **Visual Enhancements:** HDR support, 1000:1 Contrast Ratio, Anti-glare panel
- **Eye Protection:** Low Blue Light and Flick-Free technology
- **Design:** Ultra-slim (0.46 inches), lightweight (1.46 lbs), integrated metal shell
- **Stand:** Recessed 0-90° adjustable stand, supports 75x75mm VESA wall mount
- **Audio:** Built-in dual speakers, 3.5mm audio jack



16" 180Hz Portable Monitor, 100% sRGB

One-click efficiency: Improve your work efficiency with seamless synergy



HDR



180Hz



100% sRGB



16.7M Colors



Low blue light



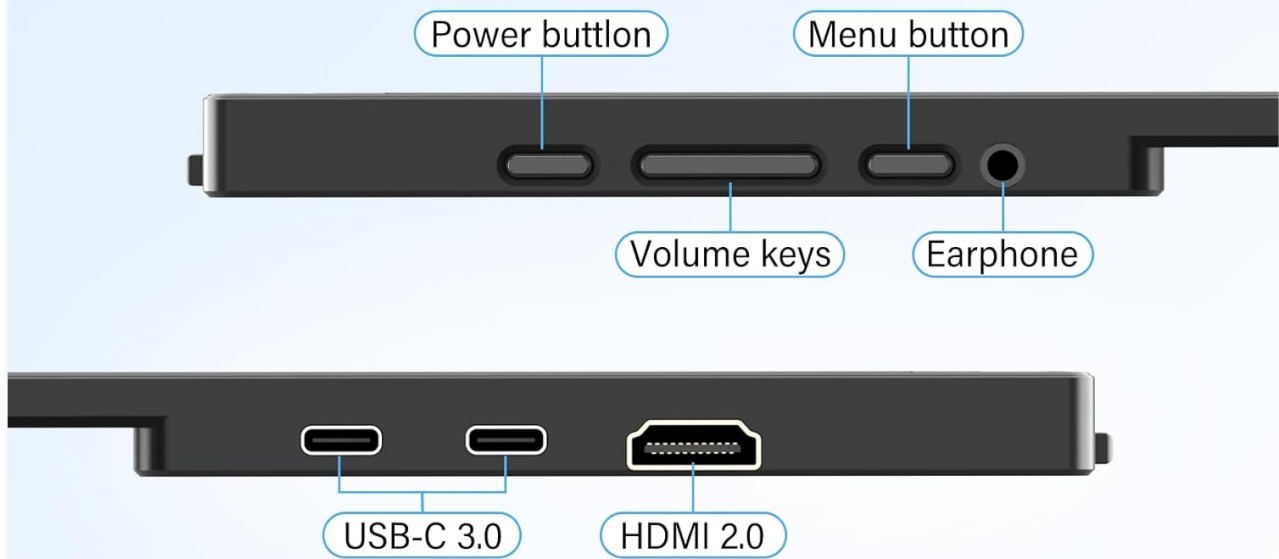
Image: The monitor displaying a high-refresh-rate image, highlighting its 1920x1200 IPS display and 180Hz refresh rate.

3.2. Ports and Controls

The monitor features the following ports and controls:

- **Power Button:** Turns the monitor on/off.
- **Menu Button:** Accesses the On-Screen Display (OSD) menu.
- **Volume Keys:** Adjusts speaker volume.
- **Earphone Jack:** 3.5mm audio output.
- **USB-C 3.0 Ports (x2):** Supports video, data, and power delivery.
- **HDMI 2.0 Port:** For video input.

Port and Wide Compatibility



*Switch: Max supported resolution 1080P
*Switch 2: HDMI output only, USB-C not supported

Image: A detailed view of the monitor's ports and control buttons, including power, menu, volume, earphone, USB-C, and HDMI.

4. SETUP

To set up your InnoView portable monitor:

1. Unpack the monitor and all accessories.
2. Place the monitor on a stable surface or use the integrated adjustable stand.
3. Connect the monitor to your device using the appropriate cable (USB-C or HDMI).
4. If necessary, connect the USB-A to USB-C power cable to a 20W power adapter (not included) and then to one of the monitor's USB-C ports for power.
5. Power on the monitor and your connected device.

Designed for portability, this 16-inch monitor is lightweight and portable, perfect for business trips, teleworking, or traveling.



Approx. 1.46 lb
weight

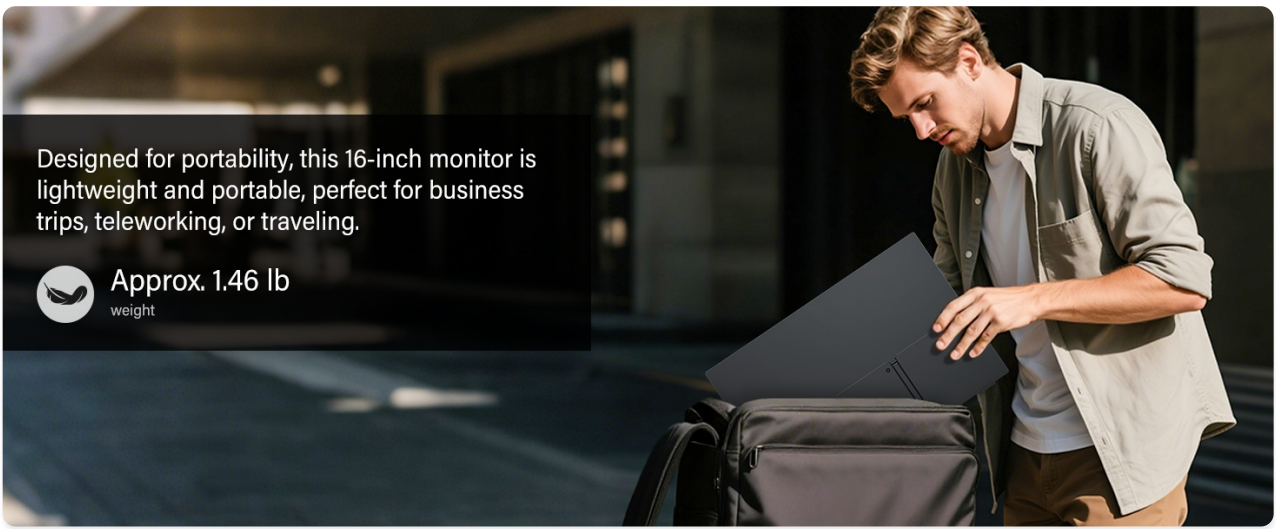


Image: A person placing the lightweight InnoView 16-inch Portable Monitor into a backpack, demonstrating its portability.

5. CONNECTIVITY OPTIONS

The InnoView portable monitor offers versatile connectivity for various devices:

5.1. Connecting to a Laptop/PC

- **USB-C Connection:** If your laptop has a full-featured USB-C port (supporting video, data, and power), use the provided USB-C to USB-C cable. This single cable can provide both display and power.
- **HDMI Connection:** Use the provided HDMI cable for video input. You will also need to connect the USB-A to USB-C power cable to a 20W adapter (not included) and the monitor for power.

Connecting Your PS5/PS4/Switch devices



Note: Switch 2 display supports HDMI only (no USB-C), and supports up to 1080P when connected to Switch. Check compatibility and resolution before purchase. Thank you!

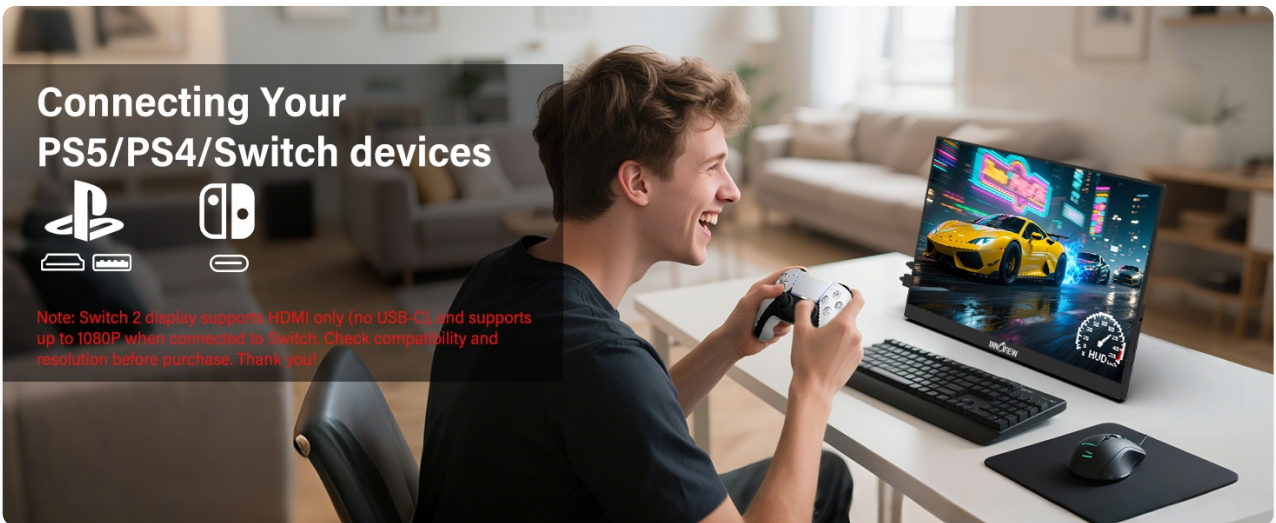


Image: The portable monitor connected to a laptop, illustrating both USB-C and HDMI connection methods with external power.

5.2. Connecting to a Smartphone/Tablet

- If your phone/tablet has a full-featured USB-C port, connect it directly using the USB-C to USB-C cable. The monitor may draw power from your device or require external power via the USB-A to USB-C cable and a 20W adapter.

BOOST YOUR EFFICIENCY

With the InnoView portable monitor, boost your work efficiency



Image: The portable monitor connected to a smartphone, extending the display for mobile productivity.

5.3. Connecting to Gaming Consoles (e.g., Switch, PS5, Xbox)

- Use the HDMI cable for video input. Ensure the monitor is powered externally using the USB-A to USB-C power cable and a 20W adapter.
- **Note for Nintendo Switch:** The Switch supports HDMI output only (max 1080P) and does not support USB-C video output to this monitor.

Compatibility Note

Meeting Sharing



Office Use



Portable gaming monitor



Switch: 1080P max
Switch 2: HDMI output only,
USB-C not supported

Image: The portable monitor connected to a gaming console, providing an expanded display for gaming.

6. OPERATING INSTRUCTIONS

6.1. On-Screen Display (OSD) Menu

Press the **Menu Button** to access the OSD menu. Use the **Volume Keys** to navigate and adjust settings. The OSD menu allows you to control various display parameters:

- **Brightness/Contrast:** Adjust the overall luminance and contrast of the display.
- **Color Settings:** Fine-tune color temperature, hue, and saturation.
- **Input Source:** Manually select between USB-C and HDMI inputs.
- **HDR Mode:** Enable or disable High Dynamic Range for enhanced visuals.
- **FreeSync:** Activate FreeSync technology to eliminate screen tearing (if supported by your device).
- **Game Crosshair:** Enable a crosshair overlay for precision targeting in FPS games.

HDR Mode

HDR enhances your viewing experience by providing richer visual layer



Image: The monitor showcasing HDR mode, which enhances visual depth and color for a richer viewing experience.

6.2. 180Hz Activation Requirements

To achieve the 180Hz refresh rate, your source device must support native 180Hz output via a DisplayPort 2.1 (or later) compatible Type-C port. HDMI 2.0 connections will support a maximum of 120Hz.



Image: Visual representation of the 180Hz refresh rate and its activation requirements, emphasizing the need for compatible source device ports.

7. MAINTENANCE

Follow these guidelines to maintain your monitor:

- Clean the screen with a soft, lint-free cloth. Avoid harsh chemicals.
- Keep the monitor away from direct sunlight and extreme temperatures.
- Store the monitor in its protective sleeve when not in use or during travel.
- Avoid placing heavy objects on the monitor.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common solutions:

Problem	Solution
No signal/Black screen	<ul style="list-style-type: none">• Ensure all cables are securely connected.• Verify the input source is correctly selected in the OSD menu.• Confirm the monitor is receiving adequate power (use a 20W adapter if needed).• Check if your device's USB-C port supports video output.
Screen flickering	<ul style="list-style-type: none">• Ensure the monitor is powered by a 20W adapter. Insufficient power can cause flickering.• Check cable integrity; try a different cable.
Low audio volume	<ul style="list-style-type: none">• Adjust the volume using the monitor's volume keys.• Check the audio settings on your connected device.
Touchscreen not responding	<ul style="list-style-type: none">• Ensure the monitor is connected via a full-featured USB-C cable that supports touch data.• Restart the monitor and the connected device.

9. SPECIFICATIONS

Feature	Detail
Model Number	INVPM405 01B
Screen Size	16 Inches
Resolution	1920×1200 Pixels (FHD)
Refresh Rate	180Hz
Aspect Ratio	16:10
Panel Type	IPS
Color Gamut	100% sRGB
Contrast Ratio	1000:1
Image Brightness	300 Candela

Feature	Detail
Total USB Ports	2 (Type-C)
HDMI Ports	1 (HDMI 2.0)
Audio Jack	3.5mm
Product Dimensions	0.46 x 13.88 x 9.36 inches
Item Weight	1.46 pounds (approx.)
Manufacturer	InnoView

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official InnoView website. If you require further assistance, contact InnoView customer service.

11. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video: An official product overview of the InnoView 16-inch FHD Portable Monitor, highlighting its 180Hz refresh rate and key features.