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› UPERFECT Portable Monitor 4K 16" User Manual

UPERFECT 16006DD

UPERFECT Portable Monitor 4K 16" User Manual

Model: 16006DD

1. INTRODUCTION

The UPERFECT Portable Monitor 4K 16" is a high-performance, ultra-portable display designed to enhance your productivity and entertainment experience. Featuring a stunning 4K UHD (3840x2400) resolution, 1200 Nits true brightness, and a 2000:1 contrast ratio, it delivers crisp, vibrant visuals even in bright environments. Its lightweight aluminum design, versatile connectivity options (USB-C & HDMI), and VESA mount compatibility make it an ideal companion for laptops, mini PCs, and game consoles.



2. WHAT'S IN THE BOX

Before you begin, please ensure all components are present:

- 1 x UPERFECT 16" 4K Portable Monitor (with Smart Case)
- 2 x Mini HDMI to HDMI Cable
- 2 x Type-C to Type-C Cable
- 1 x PD 30W Power Adapter
- 1 x User Manual

Wide Compatible, Plug and Play



Dual Speaker

Return Key

Pulley

Audio

Type-C Port

Mini HDMI

All items included in the UPERFECT Portable Monitor package.

3. SETUP

3.1 Connecting Your Monitor

The UPERFECT Portable Monitor offers versatile connectivity for various devices. Ensure your device supports video output via USB-C (DisplayPort Alternate Mode) or HDMI.

- **USB-C Connection (Single Cable Solution):** For devices with a full-featured USB-C port (supporting power, video, and data), connect one end of the provided Type-C to Type-C cable to your device and the other end to the monitor's USB-C port. The monitor will draw power and receive video signal through this single connection.
- **HDMI Connection (Requires Power):** For devices with an HDMI output, connect one end of the Mini HDMI to HDMI cable to the monitor's Mini HDMI port and the other end to your device's HDMI port. Then, connect the PD 30W Power Adapter to the monitor's USB-C power input to provide power.



Connectivity options for the UPERFECT Portable Monitor.

3.2 Using the Smart Case and VESA Mount

The included Smart Case doubles as a stand, allowing you to position the monitor at various viewing angles. The monitor also features a VESA mount (75x75@M4) on the back for wall or desktop arm installation, providing flexible workspace solutions.

VESA SPACE SAVING MASTER

Walls/brackets release 30% more workspace than traditional brackets



The UPERFECT monitor mounted on a VESA arm, illustrating its space-saving capabilities.



Various kickstand and mounting solutions for the portable monitor.

4. OPERATING YOUR MONITOR

4.1 Power On/Off

The monitor automatically powers on when connected to a compatible device and receives power. To power off, disconnect the power source or the video input cable. The monitor will enter standby mode if no signal is detected.

4.2 On-Screen Display (OSD) Menu

Use the physical buttons on the side of the monitor to navigate the OSD menu. This allows you to adjust various display settings.

- **Brightness:** Adjust the overall luminance of the screen. The 1200 Nits brightness ensures excellent visibility even in direct sunlight.
- **Contrast:** Modify the difference between the brightest and darkest areas of the image. The 2000:1 contrast ratio provides deep blacks and bright whites.
- **Color Settings:** Fine-tune color temperature, hue, and saturation for optimal color accuracy.
- **Game Mode:** Optimize display settings for gaming, including FreeSync for tear-free visuals.
- **Input Source:** Manually select between USB-C and HDMI inputs if automatic switching is not desired.

CLEARLY VISIBLE UNDER OUTDOOR SUNLIGHT

1200 nits combined with matte finish to maintain clear image presentation

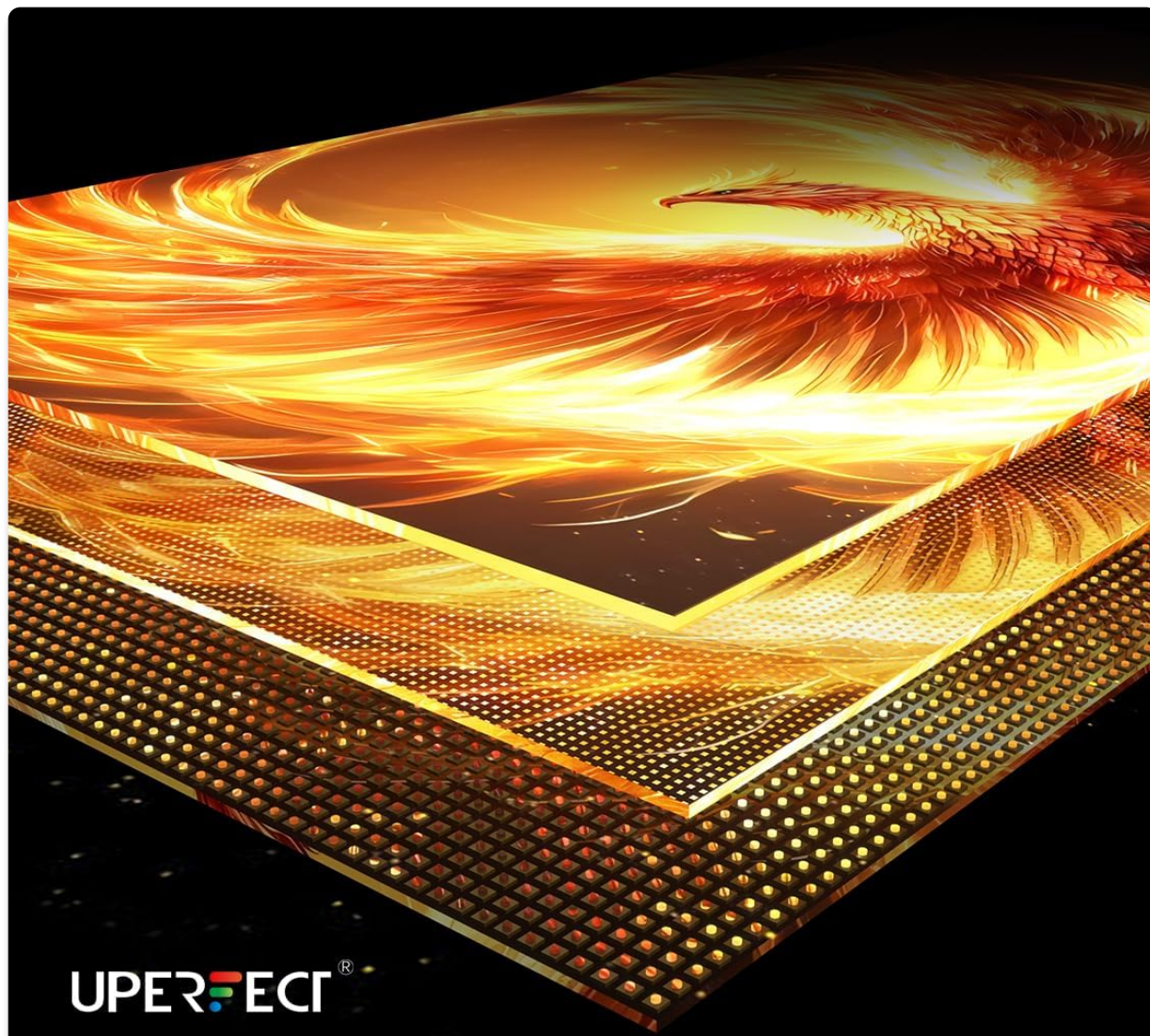


The monitor's high brightness allows for clear visibility even under outdoor sunlight.

5. KEY FEATURES

- **1200 Nits True Brightness:** Designed for high-light environments, maintaining a contrast ratio over 2000:1 even in strong direct sunlight. Displays over three times as many high-light details compared to standard

600 nits monitors.



UPERECT[®]
2025 INDUSTRY EXCLUSIVE

1200 nits

HIGH BRIGHTNESS SCREEN

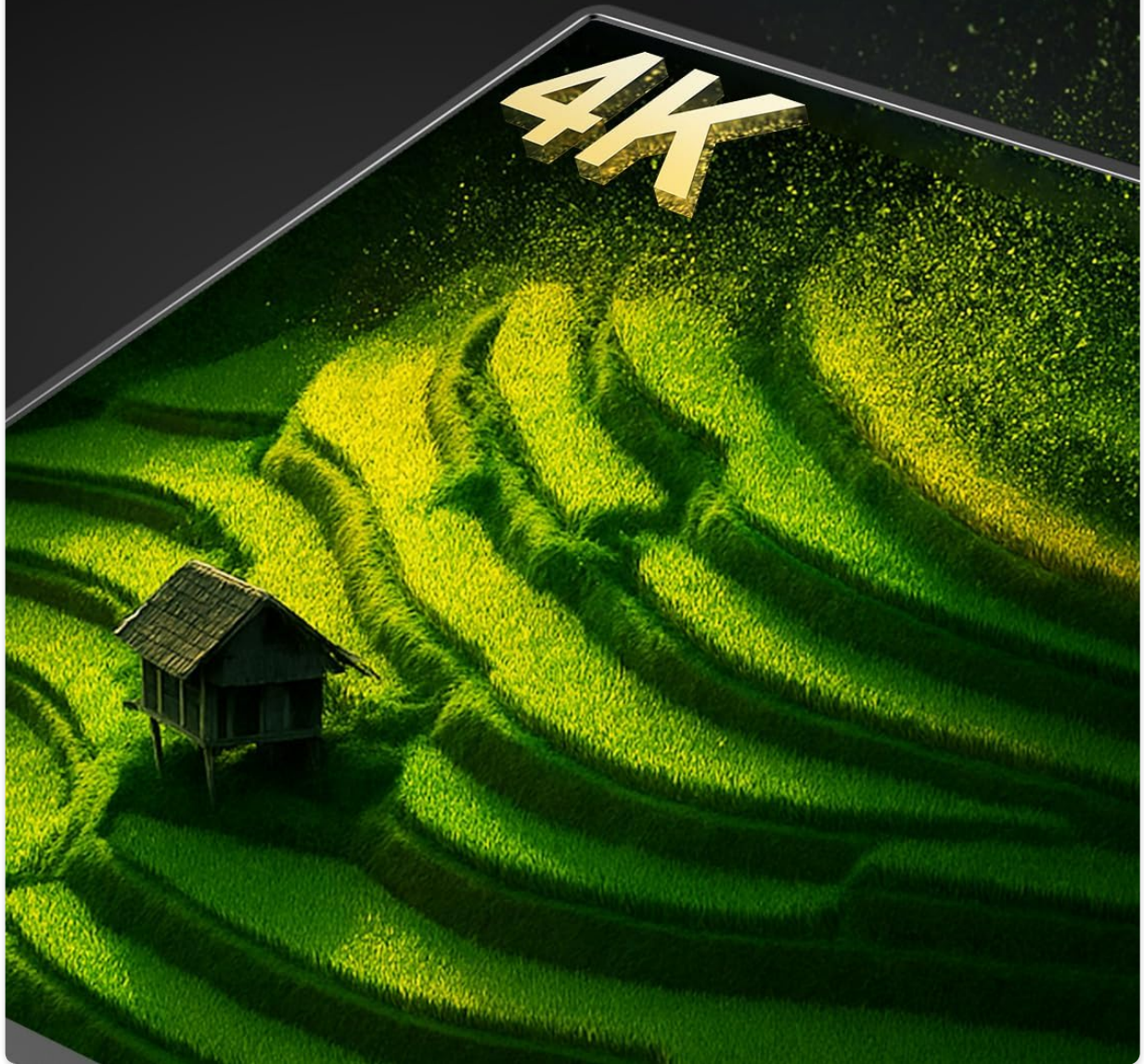
2025 Industry Exclusive: 4K 1200 nits
4K UHD Visual Mastery
1200 Nits Ultra-High Peak Brightness

Visual representation of the monitor's 1200 nits high brightness.

- **4K True Color Immersion (3840x2400 UHD):** Ultra-high resolution with excellent accuracy and consistency. Each color tone is precisely tuned for a profound immersive experience, ideal for gaming or high-resolution photo editing.

4K UHD NANOEDGE PRECISION

Clear color hierarchy, immersed in the visual revolution



The monitor's 4K UHD Nanoedge Precision for superior color detail.

- **Recyclable Aluminum Material:** High-quality aluminum construction provides modern aesthetics and durable strength. This material is recyclable without losing quality, making it both durable and environmentally friendly.

ULTRA LIGHT ALL ALUMINUM MATERIAL

The combination of lightweight portability and resilient rigidity can resist bending, scratches, and daily wear and tear



The monitor's ultra-light and durable all-aluminum construction.

- **2000:1 High Contrast Ratio:** White is 2000 times brighter than the darkest black, transforming every scene into a dramatic visual masterpiece with rich, lifelike images.

2000:1 ENHANCED DARK DETAIL

Combining a peak brightness of 1200 nits and a contrast ratio of 2000:1, it showcases shadow details in dim images



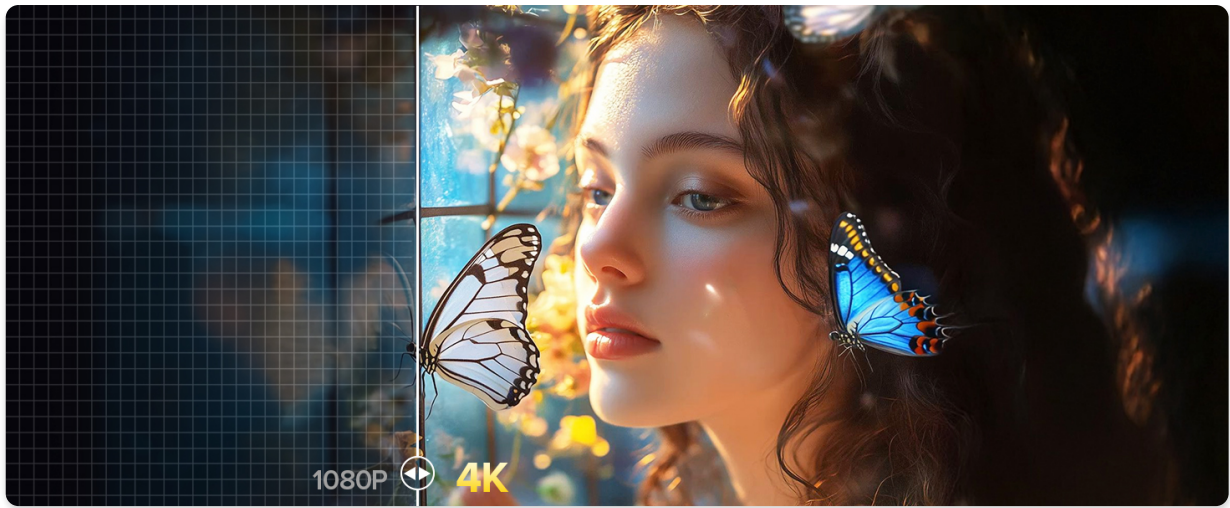
2000:1



HDR

Enhanced dark detail with a 2000:1 contrast ratio.

- **Smart Cover:** Made of durable PU leather casing and soft lining to protect your travel monitor.
- **Dual Speakers:** Enjoy full high notes and rich low notes with immersive 3D sound effects.



The monitor features dual speakers for an enhanced audio experience.

- **Eye-Friendly Technology:** Reduces harmful blue light emissions by 70% without sacrificing color accuracy, combined with flicker-free backlight to reduce eye fatigue, headaches, and sleep interruptions.



The monitor incorporates eye-friendly technology for comfortable viewing.

- **Portability:** Experience ultimate mobility flexibility with this portable travel monitor.



The UPERFECT Portable Monitor is designed for smart travel and ultimate mobility.

6. MAINTENANCE

To ensure the longevity and optimal performance of your UPERFECT Portable Monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner. Avoid using alcohol, ammonia, or abrasive cleaners, as they can damage the screen surface.
- **Cleaning the Casing:** Wipe the monitor's aluminum casing with a soft, dry cloth.
- **Storage:** When not in use, store the monitor in its Smart Case to protect it from dust, scratches, and impacts. Avoid placing heavy objects on top of the monitor.
- **Temperature and Humidity:** Operate and store the monitor within recommended temperature and humidity ranges (refer to specifications). Avoid extreme temperatures or high humidity, which can affect performance and lifespan.
- **Cable Care:** Handle cables gently. Avoid bending or twisting them excessively, as this can damage the internal wires.

7. TROUBLESHOOTING

If you encounter issues with your UPERFECT Portable Monitor, please refer to the following common solutions:

Problem	Possible Cause	Solution
No Signal / Black Screen	Incorrect input source selected; Loose cable connection; Insufficient power.	Check all cable connections (USB-C, HDMI, power). Ensure your device's port supports video output. Select the correct input source via the OSD menu. Ensure the monitor is receiving adequate power, especially when using HDMI.
Flickering Screen	Faulty cable; Power fluctuations; Graphics driver issues.	Try a different cable. Ensure stable power supply. Update your device's graphics drivers.
No Sound	Volume too low; Incorrect audio output selected on device; Monitor speakers disabled.	Increase monitor volume via OSD. Check your device's audio output settings to ensure sound is directed to the monitor.
Image is too Dark/Bright	Brightness/Contrast settings are incorrect.	Adjust brightness and contrast settings using the OSD menu.
Monitor Not Detected by Device	Device port incompatibility; Driver issues; Operating system settings.	Verify your device's USB-C port supports DisplayPort Alt Mode. Try connecting to another device. Update your device's operating system and graphics drivers. Restart both the monitor and your device.

8. SPECIFICATIONS

Feature	Detail
Model Number	16006DD
Screen Size	16 Inches
Resolution	3840 x 2400 Pixels (4K UHD)
Image Brightness	1200 Candela (Nits)
Contrast Ratio	2000:1
Aspect Ratio	16:10
Screen Surface	Matte
Item Weight	4.4 pounds
Product Dimensions	0.4 x 13.99 x 9 inches
Connectivity	USB-C (DisplayPort Alt Mode), Mini HDMI
VESA Mount	75x75@M4

9. WARRANTY AND SUPPORT

UPERFECT products come with a manufacturer's warranty. For detailed warranty information, product registration, or technical support, please visit the official UPERFECT website or contact their customer service. Keep your purchase receipt for warranty claims.

Online Support: www.uperfectmonitor.com