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› [UGREEN USB-C to DisplayPort 1.4 Cable \(Model 25158\) Instruction Manual](#)

## UGREEN 25158

# UGREEN USB-C to DisplayPort 1.4 Cable

MODEL: 25158

Brand: UGREEN

## Product Overview

The UGREEN USB-C to DisplayPort 1.4 Cable is designed to connect devices with a USB Type-C or Thunderbolt 4/3 port to a monitor or display equipped with DisplayPort. This cable facilitates high-resolution video and audio transmission without requiring additional drivers or software. It supports advanced display technologies for an enhanced visual and audio experience.



The UGREEN USB-C to DisplayPort 1.4 cable features a durable braided design and aluminum alloy connectors for reliable performance.

## Setup Instructions

Follow these steps to connect your UGREEN USB-C to DisplayPort 1.4 Cable:

1. **Identify Compatible Ports:** Ensure your source device (phone, tablet, laptop) has a USB-C port that supports "DP Alt Mode" (DisplayPort Alternate Mode) or is a Thunderbolt 3/4 port. Your target display must have a DisplayPort input.
2. **Connect USB-C End:** Plug the USB-C connector of the cable into the compatible USB-C/Thunderbolt port on your source device.
3. **Connect DisplayPort End:** Insert the DisplayPort connector into the DisplayPort input on your monitor or display.
4. **Verify Display:** Your display should automatically detect the signal. If not, you may need to manually select the DisplayPort input on your monitor or adjust display settings on your source device.

### Note:

- This cable supports unidirectional transmission only, from USB-C source to DisplayPort display. It cannot be used in reverse.
- The final resolution and refresh rate are determined by the specifications of both your source device and your display.



This cable supports unidirectional transmission from a USB-C signal source (phone, tablet, laptop) to a DisplayPort display device only.

**Check**

## Capacity of USB-C

✓ Thunderbolt Full Function



✓ With DP Alt Mode



✓ Data Transfer + DP Alt Mode



✗ Data Transfer Only



✗ Data Transfer Only



✗ Charging Only



Before connecting, verify your device's USB-C port supports video output (Thunderbolt Full Function, With DP Alt Mode, or Data Transfer + DP Alt Mode).

## Operating Modes

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The UGREEN USB-C to DisplayPort 1.4 Cable supports various display modes to suit your needs:

- **Mirror Mode:** Duplicates your device's screen onto an external display. Ideal for presentations or sharing content with an audience.
- **Extend Mode:** Expands your desktop across multiple screens, providing a larger workspace for improved productivity and multitasking.
- **MacBook Clamshell Mode:** Allows you to use your MacBook with an external display while the laptop lid is closed. This mode typically requires the MacBook to be connected to external power.



Mirror Mode duplicates your device's screen onto an external display, perfect for presentations or sharing content.



Extend Mode allows you to expand your desktop across multiple screens, increasing your workspace for improved productivity.



MacBook Clamshell Mode enables you to use your MacBook with an external display while the laptop lid is closed, requiring external power.

Your browser does not support the video tag.

Official UGREEN video demonstrating the USB-C to DisplayPort 1.4 cable's features, including 8K resolution, high refresh rates, and various display modes for work and entertainment.

## Performance & Features

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This cable is engineered for high-performance display and audio:

- **High Resolution:** Supports up to 8K@60Hz resolution, with backward compatibility for 4K@240Hz and 2K@360Hz.
- **High Data Transfer:** Achieves data transfer speeds of up to 32.4Gbps, ensuring smooth and stable signal

transmission.

- **Dynamic HDR:** Enjoy more realistic images and videos with brighter colors and higher contrast.
- **Gaming Enhancements:** Supports HDCP2.3, Variable Refresh Rate (VRR), and Auto Low Latency Mode (ALLM) for a smoother gaming experience. Compatible with AMD FreeSync and Nvidia G-Sync.
- **Flawless Audio:** Includes support for eARC, DTS, and Dolby audio technologies.

<b>8K UHD Resolution</b>	DP1.4	32.4Gbit/s	Faster
	DP1.2	21.6Gbit/s	<b>33%</b> ↑

Experience superior visual clarity with 8K UHD resolution at 60Hz, offering 33% faster data transfer compared to DP1.2.

# Non-Flickering Experience

4K@144Hz/240Hz for smooth gameplay

4K@30Hz

4K@240Hz

Note: The final resolution and refresh rate are determined by the specifications of your devices

Enjoy smooth, non-flickering gameplay with support for 4K resolutions at 144Hz or 240Hz, depending on your device's specifications.

Achieve hyper-realistic visuals with 8K resolution, providing exceptional detail and clarity for all your content.



Dynamic HDR support delivers more realistic photographs and videos with brighter colors and higher contrast.



Supports G-Sync and FreeSync technologies to eliminate screen tearing and stuttering for a smoother gaming experience.

Your browser does not support the video tag.

A short official UGREEN video showcasing the USB-C to DisplayPort 1.4 cable's ability to deliver 8K@60Hz resolution and high refresh rates for an enhanced visual experience.

## Device Compatibility

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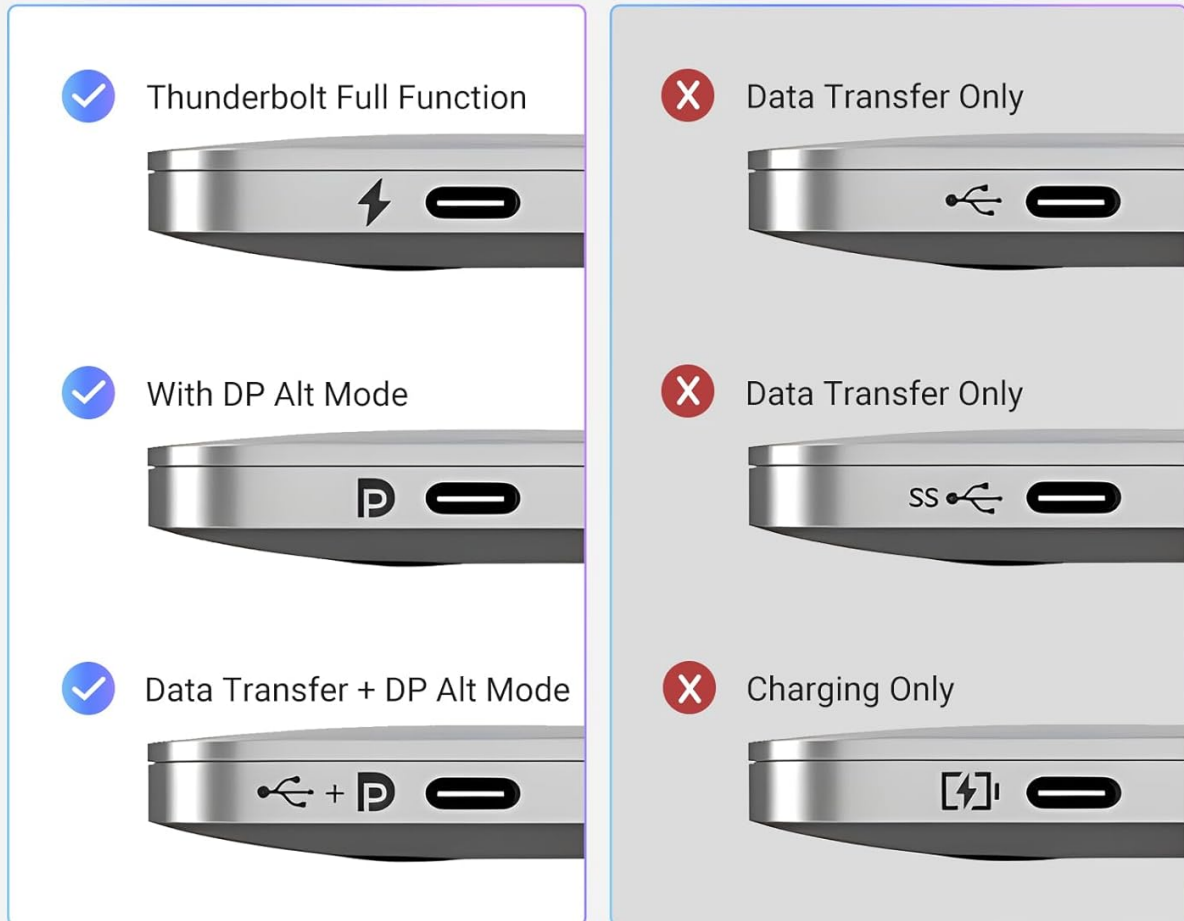
This cable is widely compatible with devices featuring a USB-C port with "DP Alt Mode" or Thunderbolt 3/4.

Compatible devices include, but are not limited to:

- **Phones:** iPhone 17 Pro Max/17 Pro/Air/17/16 Pro Max/16 Pro/16 Plus/16, Samsung Galaxy S25 Ultra/S24 Ultra, Note 20, LG V40.
- **Laptops/PCs:** Mac Mini M4/M4 Pro, MacBook Pro M4/M4 Pro/M4 Max, MacBook Air 2024, XPS 17/15/13, Dell, HP Chromebook x360, Surface Book 3/2.
- **Tablets:** iPad Pro 2024, iPad Air 2024, Samsung Tablet S9, Valve Steam Deck.
- **Monitors/Displays:** Odyssey G8 G9, HDTV, and monitors with DisplayPort inputs.
- **Graphic Cards:** Compatible with Nvidia RTX 5090 and AMD Radeon RX 7900 graphics cards.

# Check

## Capacity of USB-C



The cable supports a wide range of devices, from laptops and phones to tablets and high-resolution monitors.

### Durable Construction

The UGREEN USB-C to DisplayPort 1.4 Cable is built with high-quality materials for durability and reliable performance:

- **Braided Nylon Cable:** The exterior is made from braided nylon, providing abrasion resistance and heavy-duty protection against wear and tear. It is designed to withstand over 25,000 bends.
- **Aluminum Alloy Case:** Premium aluminum alloy connectors offer superior heat dissipation and a robust build.
- **Durable Connectors:** High-quality connectors ensure a secure and stable connection, minimizing signal loss.
- **Thicker Copper Wire:** Internally, thicker copper wires maximize conductivity and further reduce signal degradation.
- **Anti-Surge & Anti-EMC Radiation:** Built-in protection against power surges and electromagnetic interference ensures stable and safe operation.

# Wide Compatibility

## INPUT



### Laptop/PC

MacBook Pro2023/  
MacBook Air 2024  
Dell XPS 17/15  
Mac Mini/ Pro  
...



### Phone

Galaxy S25 Ultra/S24 Ultra  
Pixel 9 Pro/8 Pro  
Galaxy Note 22 Ultra  
LG V60  
iPhone 16/15 Pro Max  
...



### Tablet

iPad Pro/Air 2024  
iPad mini 6  
Surface Pro 9  
Galaxy Tab  
...

## Operating System



Windows



mac OS



Linux



IOS(iPad)

## OUTPUT



Monitor



HDTV

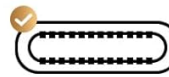


Projector

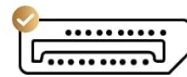


Oculus Rift S

## Video Interface



USB-C



DisplayPort



USB Type-A



HDMI

Constructed with a premium aluminum alloy case for heat dissipation, durable connectors, and a braided nylon cable for enhanced longevity and resistance to wear.



The nylon braided exterior offers superior abrasion resistance and heavy-duty performance, designed to withstand over 25,000 bends, unlike easily fractured PVC cables.

## Troubleshooting Tips

If you encounter any issues, consider the following:

- **No Display/Signal:**
  - Ensure your source device's USB-C port supports "DP Alt Mode" or is Thunderbolt 3/4. Not all USB-C ports support video output.
  - Verify that the DisplayPort cable is securely connected to both the source device and the monitor.
  - Check your monitor's input settings and ensure DisplayPort is selected.
  - Restart both your source device and monitor.
- **Flickering Screen/Unstable Connection:**
  - Ensure the cable is not excessively bent or strained.
  - Reduce the resolution or refresh rate in your device's display settings to see if stability improves.
  - Avoid connecting via docking stations or hubs if display errors occur; a direct connection is recommended due to potential hardware limitations.
- **Incorrect Resolution/Refresh Rate:**
  - Confirm that both your source device and monitor support the desired resolution and refresh rate.
  - Adjust display settings on your operating system (e.g., Windows Display Settings, macOS System Settings > Displays).

## Technical Specifications

Feature	Specification
Brand	UGREEN
Model Number	25158
Connector Type	USB Type-C to DisplayPort
Cable Type	USB C to DP Cable
Data Transfer Rate	32.4 Gbps
Resolution Support	Up to 8K@60Hz, 4K@240Hz, 2K@360Hz
HDCP Support	HDCP2.3 (backward compatible)
Compatibility Features	G-Sync/FreeSync, Display Stream Compression (DSC), VRR, ALLM
Function Supported	3D Visual Effect, HDR (High Dynamic Range), Audio-to-Video Sync
Material	Aluminum (Outer Material), Braided Nylon (Cable)
Cable Length (Current Model)	6.6 FT (2 meters)
Other Available Lengths	3.3 FT (1 meter), 10 FT (3 meters)
Unidirectional Transmission	USB-C Source to DisplayPort Display Only

## Support & Warranty Information

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For technical support, warranty claims, or any product-related inquiries, please contact UGREEN customer service through their official website or the retailer where the product was purchased.

UGREEN products typically come with a manufacturer's warranty. Please refer to the packaging or UGREEN's official website for specific warranty terms and conditions applicable to your region.