

CM214 DisplayPort Splitter 1 IN 2 OUT MST Hub

CM214

User Manual

Simplify Your Life

About Product

CM214 is a 1 Input and 2 Outputs DisplayPort 1.4 splitter for expanding your display setup from a single DP input. It features two operating modes, MST extended mode and splitter mirrored mode. In MST mode, you can connect two extended displays from a single DisplayPort, perfect for multi-tasking and increasing productivity. The splitter mode mirrors the DP input to two identical outputs, ideal for presentations or dual viewing.

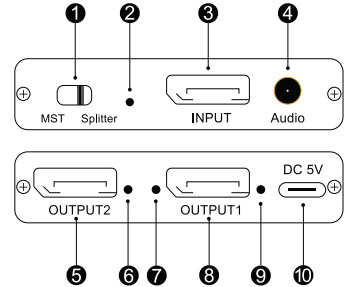
Compliant with DisplayPort 1.4, the splitter supports a bandwidth of up to 32Gbps, making it ideal for high-performance tasks. It features a built-in 3.5mm audio jack for seamless speaker or headphone connectivity.

System Requirement

- A laptop or desktop PC with DisplayPort output.
- Full function USB-C port with DP alternate mode on PC, a USB-C to DP cable is required to connect the splitter (not included).
- To support MST with 2 extended screens, a native DisplayPort from a discrete graphics card or integrated graphics from an Intel 6th Gen Skylake processor or later is required.
- For 120Hz and higher refresh rates, a DP 1.4-enabled DisplayPort on the PC and a DSC (Display Stream Compression) enabled monitor are required.
- Windows 10 or later is required for 2 extended screens support. macOS does not support MST, and only allows 2 DP outputs in mirrored mode.

Features

- 1 Input 2 Output DisplayPort 1.4 splitter with MST mode
- Two operating modes, MST extended mode and splitter mirrored mode
- MST mode supports two extended displays from one DP input
- Splitter mode mirrors the DP input to two identical outputs
- Supports dual 4K displays in MST extended mode
- Compliant with DisplayPort 1.4, supporting bandwidth up to 32Gbps
- Built-in 3.5mm audio jack for connecting speakers or headphones
- Durable aluminium alloy casing, also efficiently dissipate heat
- Powered by USB, Plug-and-play, no drivers needed

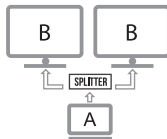


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|-------------------------------------|--------------------------|
| 1. 2 Modes Switch (MST or Splitter) | 6. Output 2 Indicator |
| 2. Input Indicator | 7. Output 1 Indicator |
| 3. DisplayPort Input | 8. DisplayPort Output 1 |
| 4. 3.5mm Audio | 9. Power Indicator |
| 5. DisplayPort Output 2 | 10. 5V USB-C Power Input |

Operating Modes

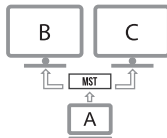
Splitter Mode:

In this mode, the two DisplayPort (DP) outputs mirror each other, displaying identical content on both monitors. This setup is ideal for presentations or when dual viewing of the same source is needed.



MST Mode (Multi-Stream Transport):

In this mode, the two DP outputs extend the display, showing different content on each monitor. This provides two extended screens from one DisplayPort source, making it perfect for multitasking and boosting productivity.



About MST

MST(Multi-Stream Transport) is a DisplayPort feature that allows one output to drive multiple monitors by splitting the signal into separate streams. It enables extended displays or different content on each screen, making it ideal for multitasking and productivity setups with multiple monitors.

To set up extended screens on Windows, right click Desktop and click "**Display settings**" option from menu, or click "**Start > Settings > System > Display**". Then select "**Extend these displays**".



Specifications

- Model: CM214
 - DisplayPort Version: DP 1.4
 - Output Resolution: up to 4K@144Hz in mirrored mode, up to 4K@120Hz in extended mode*
 - Max Bandwidth: 32Gbps
 - Max cable distance: 10M (Input + Output)
 - Power Input: USB-C, DC 5V
 - Max Operation Power: 5V2A
 - Operating Temperature Range: -5°C to 55°C
 - Operating Humidity Range: 5 to 90%RH (no Condensation)
- *The refresh rate can vary on different computers. Screen Refresh rate on each screen also depends on laptop GPU performance and the bandwidth limit of the DP port

Important Notes

- DP output resolution is dependent on the PC's GPU capability.
- DisplayPort from a docking station or video converter does not support MST extended mode.
- For stable connection, please use high quality DP1.4 cables.
- macOS does not support MST, and only allows 2 DP outputs in mirrored mode.
- Powered by USB, USB-C power cable can be plugged into USB port on computer for 4K@60Hz or lower resolution. Please use the included USB power adapter for 4K@120Hz and higher refresh rates.

Warranty

1 Year limited Warranty. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

For our assistance with regards to warranty please email to support@simplecom.com.au or create a support ticket at <http://www.simplecom.com.au>

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