Extend Raspberry Pi Camera Cables
CSI-to-HDMI Extension Module

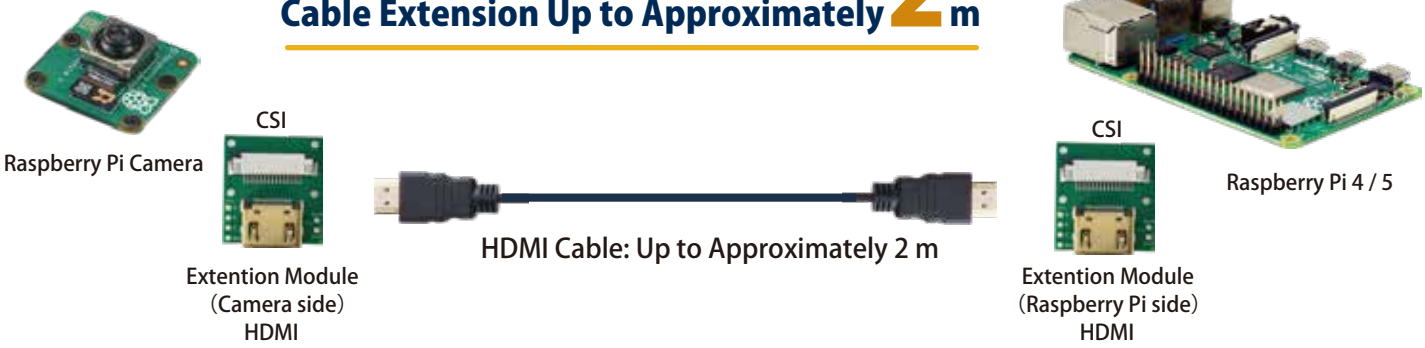


This module allows you to extend the CSI cable connecting a Raspberry Pi and camera module using an HDMI cable.
By allowing the camera to be installed separately from the Raspberry Pi, it provides greater flexibility in equipment placement and installation.
Suitable for a wide range of applications, including integration into waterproof camera housings, outdoor surveillance, industrial equipment, and research and development.

Feature

Product Page ▶

Cable Extension Up to Approximately 2 m



This system extends Raspberry Pi camera CSI signals using an HDMI cable.

The HDMI cable is used to extend CSI signals and does not support standard HDMI video output.
The maximum extension distance varies depending on the cable used and the camera configuration.

Operating Environment



Raspberry Pi

Compatible with Raspberry Pi 5 / 4B / 3B+ / 3B / 2B / A / B
Supports the Latest Raspberry Pi OS and Camera Software (libcamera)
Easy Plug-and-Play Setup

Raspberry Pi Cameras

Raspberry Pi Camera Module V1 / V2 / V3 / V3 Wide / HQ Camera

HDMI Cables

Please use a high-quality HDMI cable. A maximum cable length of 2 meters is recommended.
Extension beyond 2 meters may be possible, but signal stability may decrease and noise interference may increase.





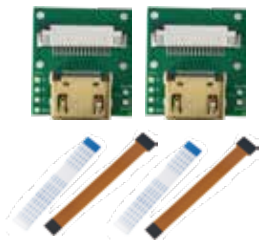

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Basic Set (Extention Modules Only)



- CSI Cables (2 each for Raspberry Pi 4 and Raspberry Pi 5)
- Cable Extension Modules × 2 (Camera Side / Raspberry Pi Side)

Product Name	Part Number	Note
CSI-to-HDMI Extention Module AA	CSI-HDM-AA	HDMI Type-A / HDMI Type-A
SI-to-HDMI Extention Module Am	CSI-HDM-AM	HDMI Type-A / micro HDMI
SI-to-HDMI Extention Module mm	CSI-HDM-MM	micro HDMI / micro HDMI

Basic Set + Module Fixing Frame



- CSI Cables (2 each for Raspberry Pi 4 and Raspberry Pi 5)
- Cable Extension Modules × 2 (Camera Side / Raspberry Pi Side)
- Module Fixing Frame × 1

Product Name	Part Number	Note
CSI-to-HDMI Extention Module AA + Fixing Frame	CSI-HDM-AA-FR	HDMI Type-A / HDMI Type-A
CSI-to-HDMI Extention Module Am + Fixing Frame	CSI-HDM-AM-FR	HDMI Type-A / micro HDMI
CSI-to-HDMI Extention Module mm + Fixing Frame	CSI-HDM-MM-FR	micro HDMI / micro HDMI

Module Fixing Frame



Using the module fixing frame helps prevent cables from becoming disconnected due to their weight and reduces stress on the connectors, minimizing the risk of damage or failure.

Product Name	Part Number	Note
Fixing Frame for CSI-to-HDMI Extention Modules	CSI-HDM-FR	Raspberry Pi Side (Compatible with Raspberry Pi 4 / 5)

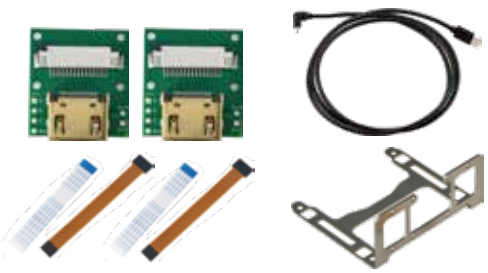
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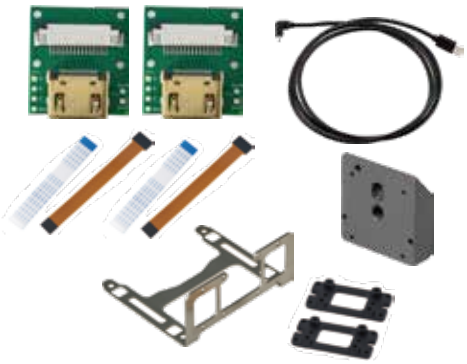
Starter Set A



- CSI Cables (2 each for Raspberry Pi 4 and Raspberry Pi 5)
- Cable Extension Modules × 2 (Camera Side / Raspberry Pi Side)
- Module Fixing Frame × 1
- HDMI Cable (1.5 m) × 1

Product Name	Part Number	Note
CSI-to-HDMI Conversion Module Starter Set A	CSI-HDM-AM-SETA	Conversion Modules: HDMI Type-A / Micro HDMI HDMI Cable: 1.5 m, HDMI Type-A / Micro HDMI

Starter Set B（Recommended）

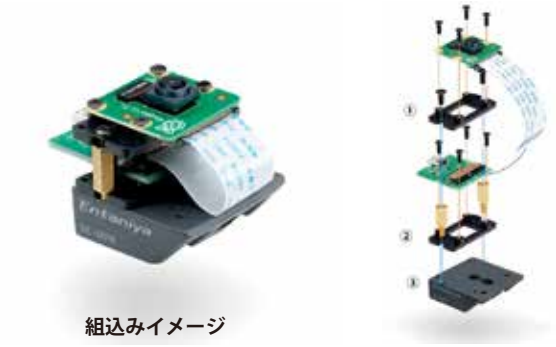


- CSI Cables (2 each for Raspberry Pi 4 and Raspberry Pi 5)
- Cable Extension Modules × 2 (Camera Side / Raspberry Pi Side)
- Module Fixing Frame × 1
- HDMI Cable (1.5 m) × 1
- Camera Tripod Mounting Plate (for Integration of the Conversion Module) × 1

A convenient starter set that includes everything from the cables to the camera mounting plate.
The set features a custom-made, tested 1.5 m cable with a compact Micro HDMI connector.

Product Name	Part Number	Note
CSI-to-HDMI Conversion Module Starter Set B	CSI-HDM-AM-SETB	Conversion Modules: HDMI Type-A / Micro HDMI HDMI Cable: 1.5 m, HDMI Type-A / Micro HDMI

Camera Tripod Mounting Plate



A tripod-compatible mounting plate for Raspberry Pi cameras.
The plate also accommodates an HDMI conversion module, reducing stress on the CSI connector and helping prevent accidental disconnection caused by cable weight, as well as minimizing the risk of damage or failure.



Product Name	Part Number	Note
Camera Mounting Plate	VC-MPA	Mounting Plate and Screws Included (① + ③)
Camera Mounting Plate + Conversion Module Mounting Set	CSI-HDMI-CMA	Mounting Plates × 2 / Screws Included (① + ② + ③)
Conversion Module Mounting Set	CSI-HDMI-CMB	Mounting Plate and Screws Included (①)

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Starter Set C



- CSI Cables (2 each for Raspberry Pi 4 and Raspberry Pi 5)
- Cable Extension Modules × 2 (Camera Side / Raspberry Pi Side)
- Module Fixing Frame × 1
- HDMI Cable (1.5 m) × 1
- Camera Tripod Mounting Plate (for Integration of the Conversion Module) × 1
- Magnetic Stand × 1

Product Name	Part Number	Note
CSI-to-HDMI Conversion Module Starter Set C	CSI-HDM-AM-SETC	Conversion Modules: HDMI Type-A / Micro HDMI HDMI Cable: 1.5 m, HDMI Type-A / Micro HDMI

Magnetic Stand





Combining a magic arm with a magnetic mounting plate, this versatile stand allows flexible camera angle adjustment. It can also be securely attached to metal surfaces for convenient camera installation.

Product Name	Part Number	Note
Magnetic Stand S	OM-S-MA	Size S
Magnetic Stand M	OM-M-MA	Size M (High-Strength Magnet)

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