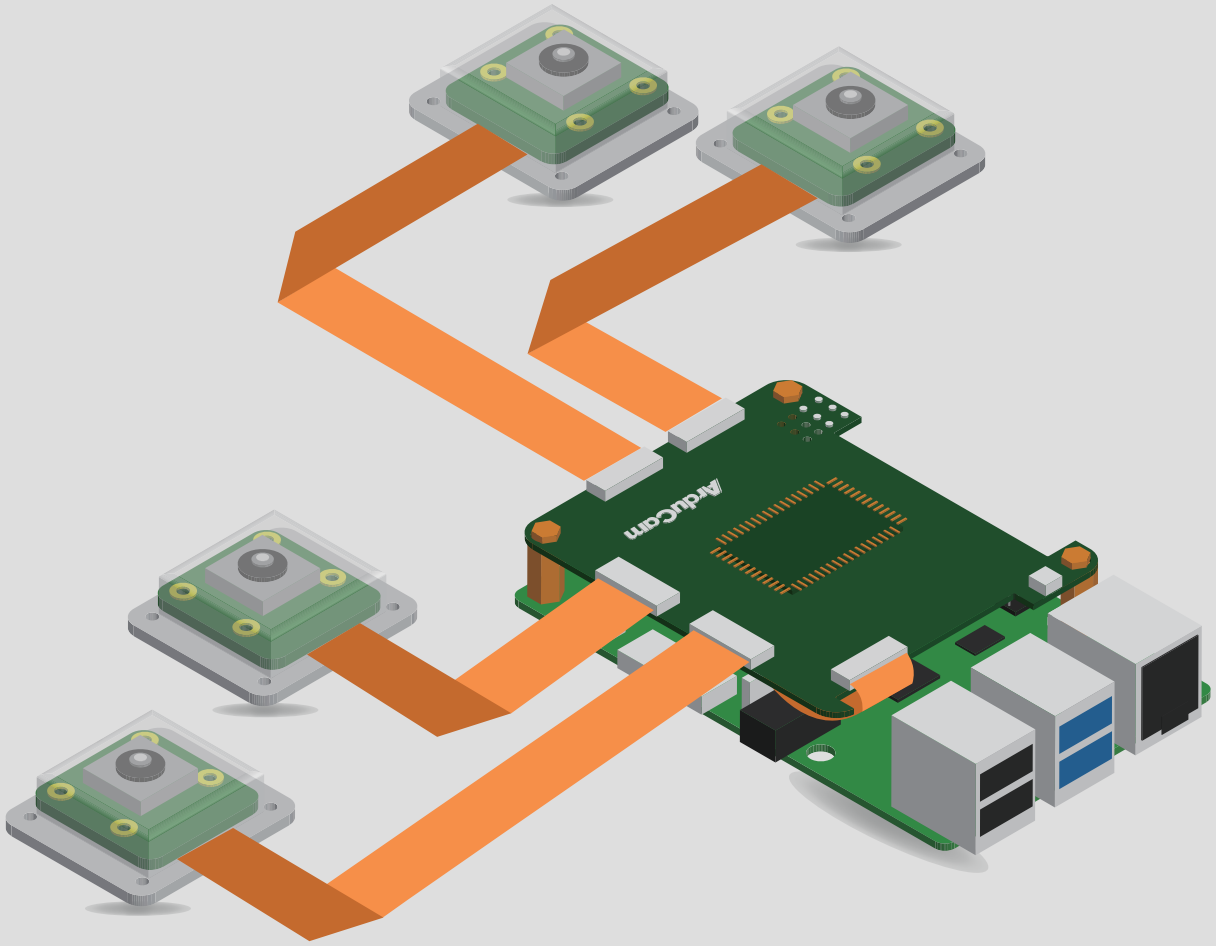
ArduCam

64MP-AF Synchronized Quad-Camera Kit for Raspberry Pi

Getting Started



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Installation

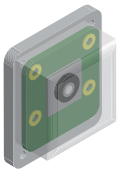
Packing List

3 x Screw

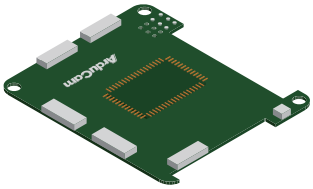
3 x Spacer

3 x Nut

1 x Flex Cable (For Raspberry Pi)



4 x 64MP Autofocus Camera Module (Exclusive Version)

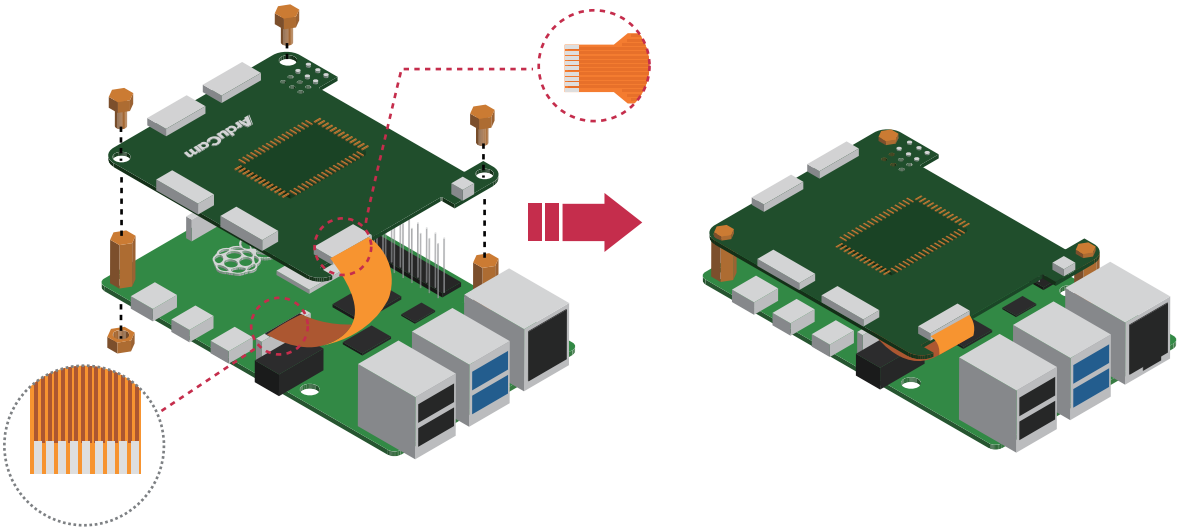


1 x Quad-Camera HAT

4 x Fex Cable (For Cameras)

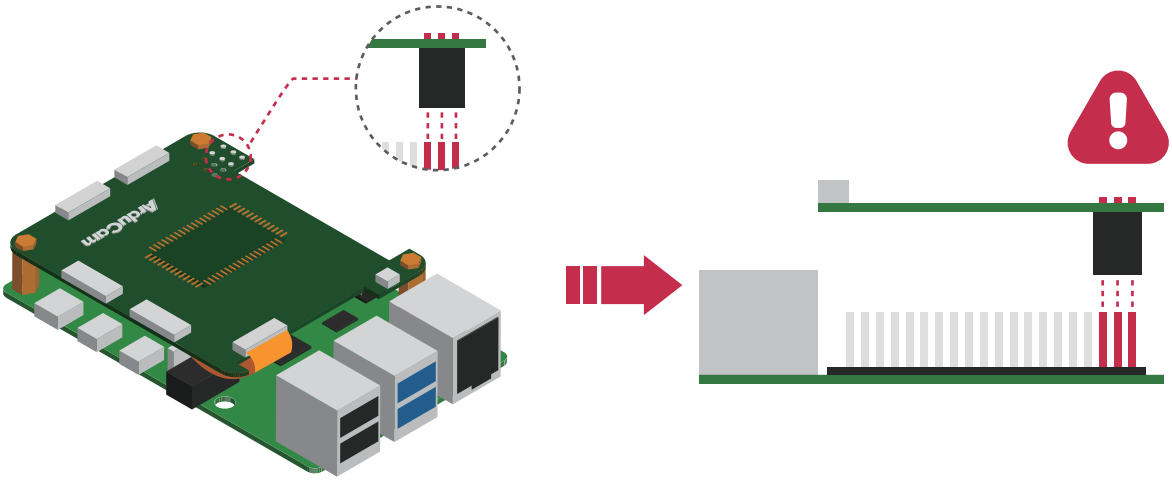
Turn off your Raspberry Pi and disconnect the power supply.

1. Connect the HAT's MIPI_TX0 port to Raspberry Pi's camera port.

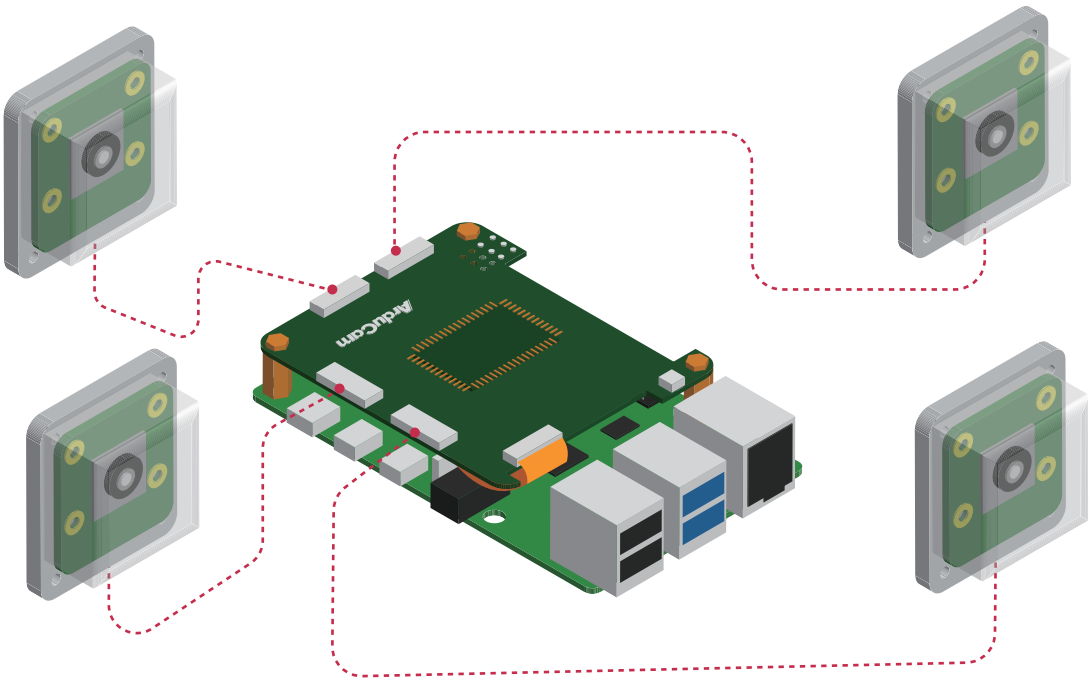


Installation

2. Connect the Quad-Camera HAT.



3. Connect the 4 camera modules to the Rx ports.



4. Power your Raspberry Pi on.

Operating The Camera

The camera requires a driver to be installed according to the platform in use, please see the following.

for Raspberry Pi

Quick start:
https://docs.arducam.com/Raspberry-Pi-Camera/Native-camera/Quick-Start-Guide/#imx519hawkeye-64mp-cameras

Autofocus:
https://docs.arducam.com/Raspberry-Pi-Camera/Native-camera/Libcamera-User-Guide/#autofocusmanual-focus-function

for Octopi

https://docs.arducam.com/Raspberry-Pi-Camera/Native-camera/64MP-Hawkeye/#how-to-use-octopi-with-arducam-64mp-camera

Instructions for Safe Use

To properly use the Arducam quad-camera kit, kindly note:

- Before connecting, you should always power the Raspberry Pi off and remove the power supply first.
- Make sure the cable on the camera board is locked in place.
- Make sure the cable is correctly inserted in the Raspberry Pi board's MIPI CSI-2 connector.
- Avoid high temperatures.
- Avoid water, moisture, or conductive surfaces while in operation.
- Avoid folding, or straining the flex cable.
- Avoid cross-threading with tripods.
- Gently push/pull the connector to avoid damaging the printed circuit board.
- Avoid moving or handling the printed circuit board excessively while it's in operation.
- Handle by the edges to avoid damages from electrostatic discharge.
- Where the camera board is stored should be cool and as dry as possible.
- Sudden temperature/humidity changes can cause dampness in the lens and affect the image/video quality.

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