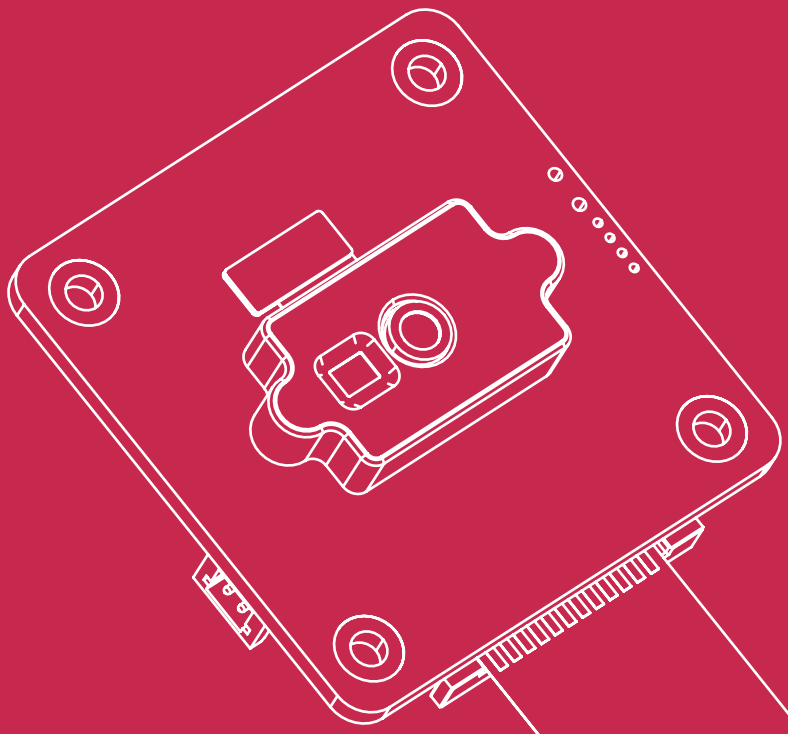
Time of Flight (ToF) Camera

for Raspberry Pi

Getting Started

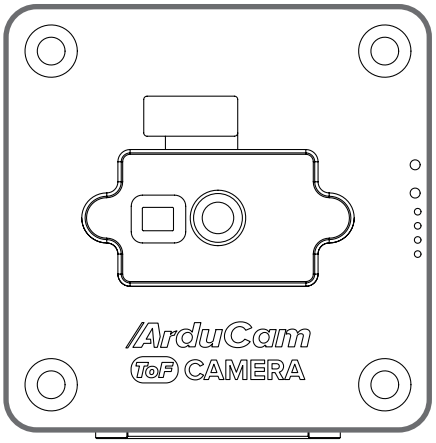


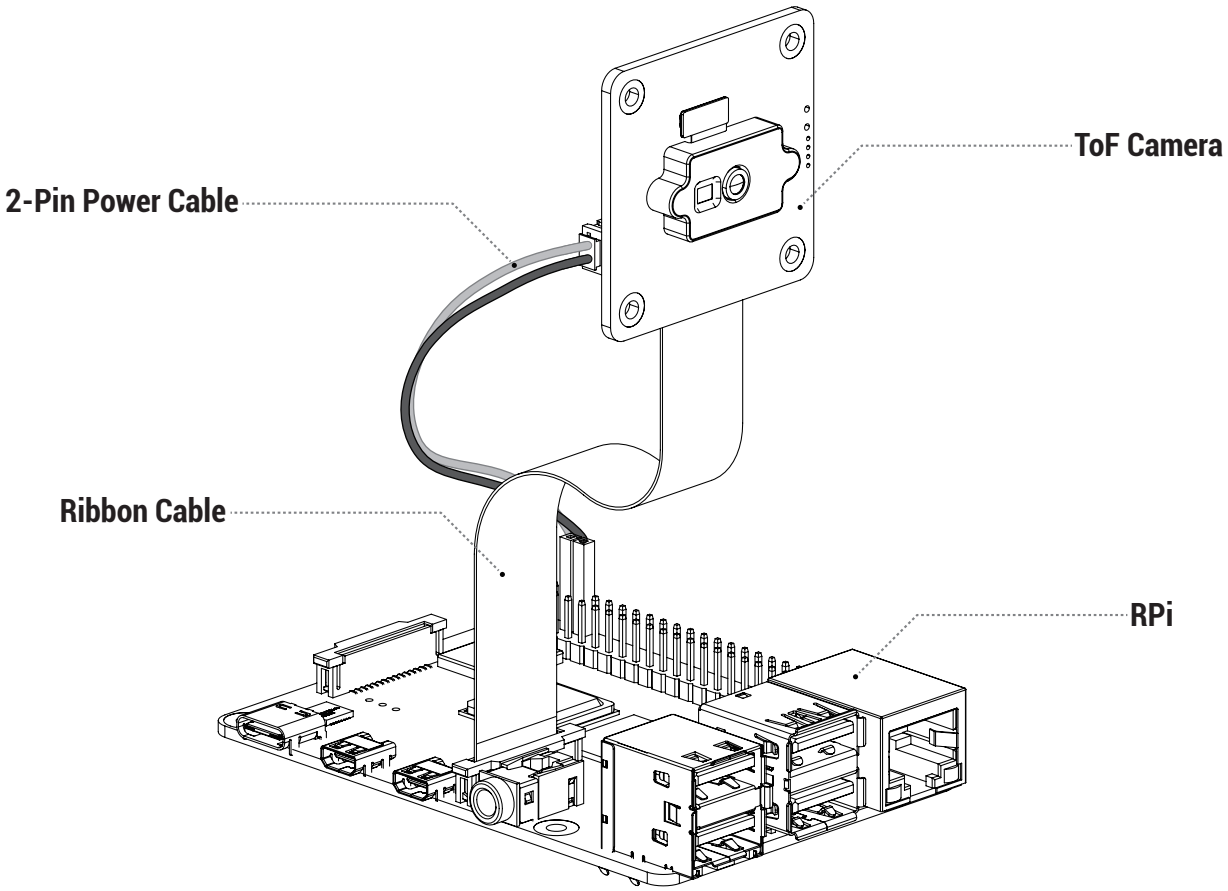
Published in August 2022
by ARDUCAM TECHNOLOGY CO., LIMITED

ArduCam
www.arducam.com

Installation

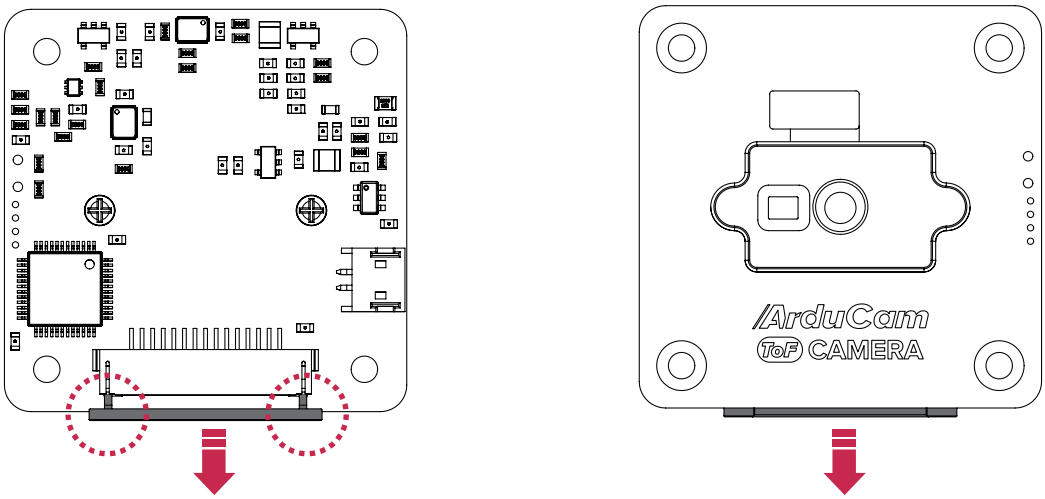
ToF Camera



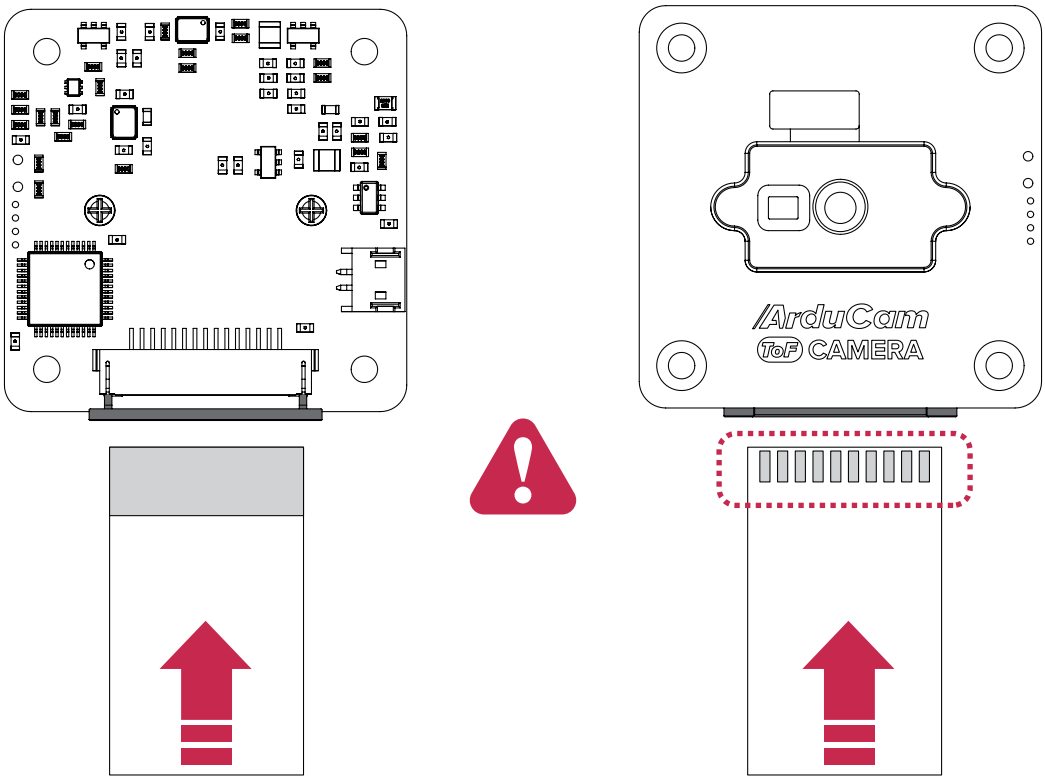


Installation

1. Find the camera connector, gently pull the plastic catch up.

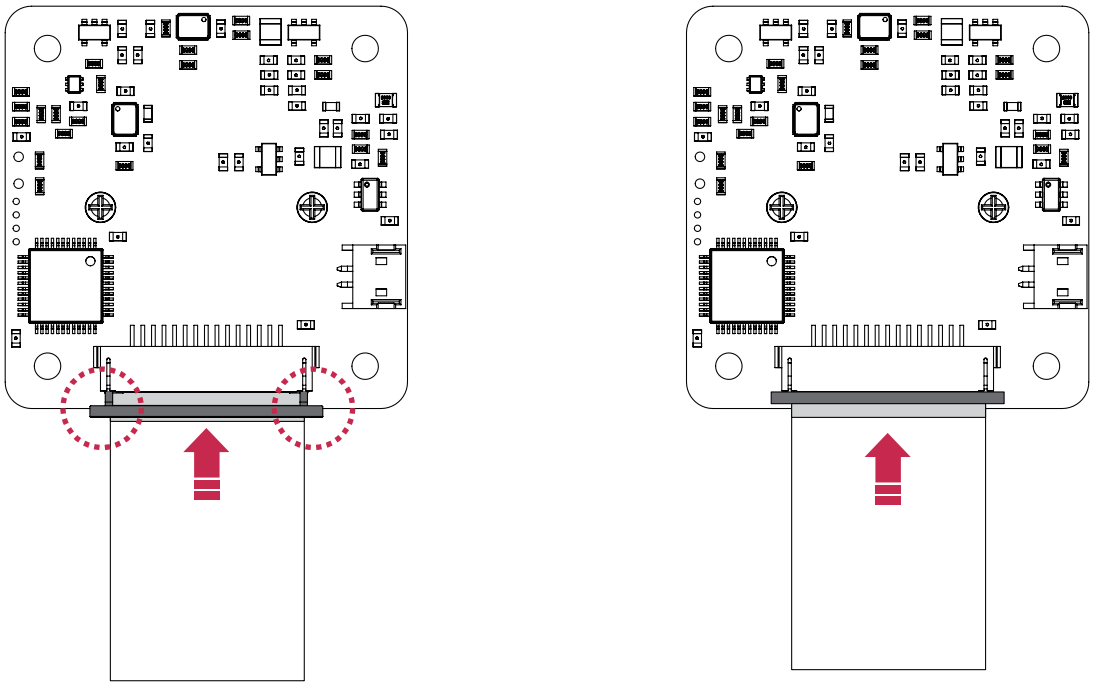


2. Insert the ribbon cable with pins facing away from the catch.

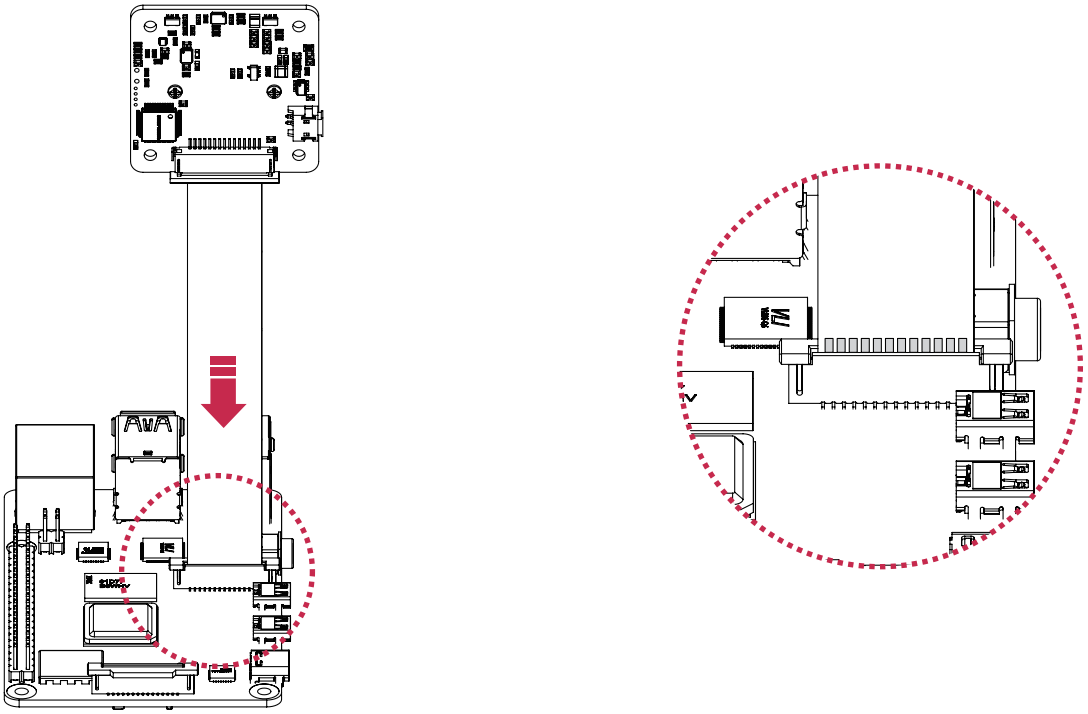


Installation

3. Push the catch back in.

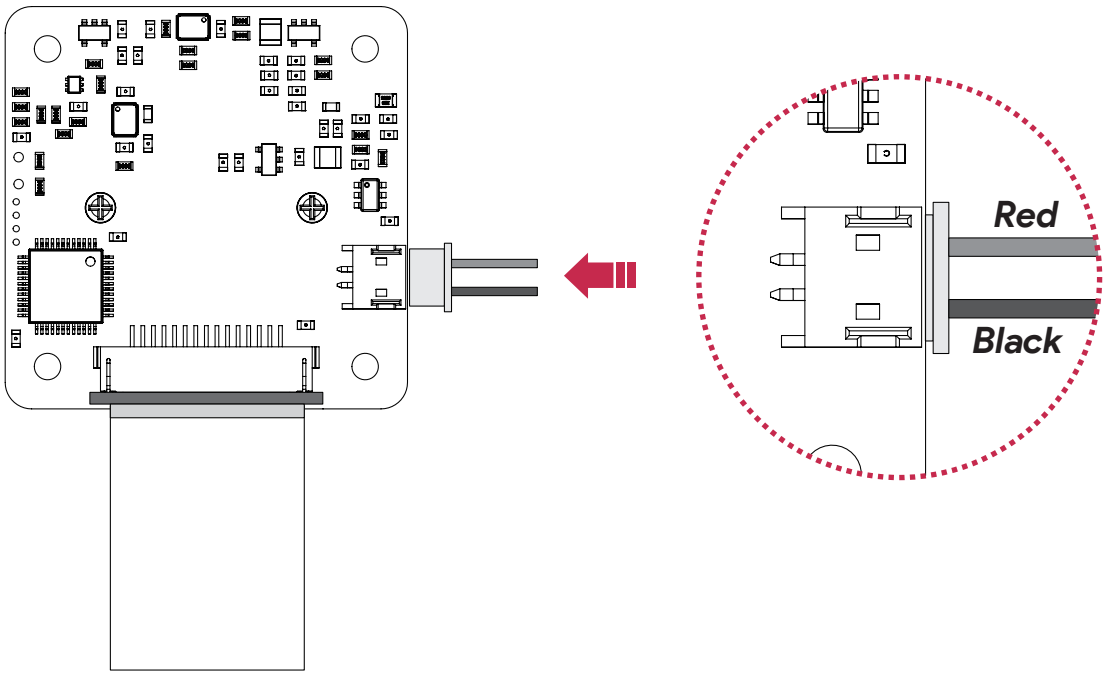


4. Connect the camera to Raspberry Pi, with pins facing away from the catch.

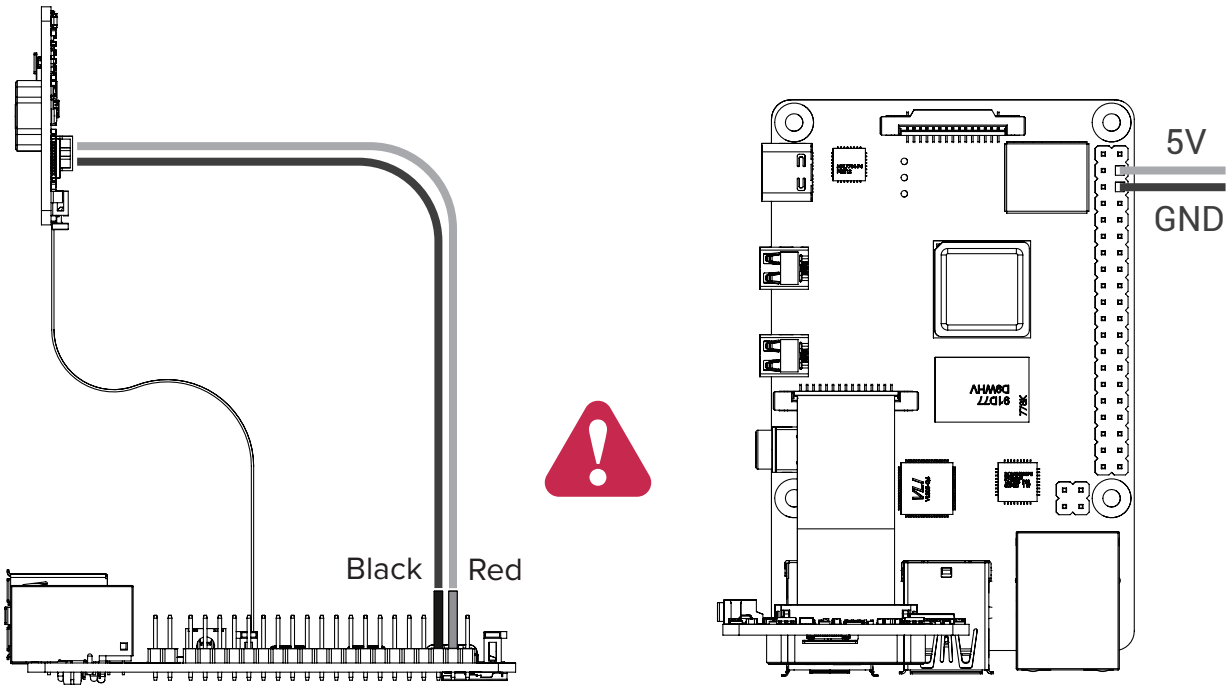


Installation

5. Connect the 2-pin power cable.



6. Connect the 2-pin cable to Raspberry Pi's GPIO (5V & GND).



Operating The Camera

Before You Start

- Make sure you are running a newer version of Raspberry Pi OS. (04/04/2022 or later releases)
- A fresh install is highly recommended.

Step 1. Pull the repository.

```
git clone https://github.com/ArduCAM/Arducam_tof_camera.git
```

Step 2. Change the directory to Arducam_tof_camera

```
cd Arducam_tof_camera
```

Step 3. Install dependencies

```
./Install_dependencies.sh
```

When you see the reboot prompt, enter y.

Step 4. compile & run

```
./compile.sh
```

Once it's successfully complied, live previews of the camera will automatically pop up.

For more information, please visit:
https://www.arducam.com/docs/cameras-for-raspberry-pi/tof-camera-for-raspberry-pi/

Instructions for Safe Use

To properly use the Arudcam ToF Camera, 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.

Visit us at
www.arducam.com

Pre-Sale
sales@arducam.com

Raspberry Pi and the Raspberry Pi logo are trademarks of the Raspberry Pi Foundation



ArduCam
www.arducam.com