

# DUO ARM Installation

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## Overview

This guide outlines installing DUO devices on supported ARM devices. Before starting verify that your system meets all the system requirements.

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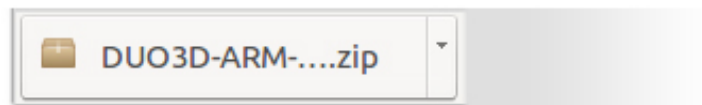
## Step 1 - Download the Software

Download the latest DUO ARM Package to start using your device. The DUO requires a kernel module driver configuration which is included in the package.

- To download the latest package you will need to be a part of our Developers Program.
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The file will show up on your download bar (The package contains the DUO API/SDK, Dashboard and Utilities)

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## Step 2 - Install the Software

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For your convenience, we made the script that automated the installation process.

```
cd ~/Documents/DUO3D-ARM-ALL-v1.0.0.148/  
./RunMe
```

**Your machine will reboot after this step!**

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## Step 3 - Connect the DUO

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After your system reboots, run the script again to compile and install the driver.

```
./RunMe
```

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## Step 4 - Start the Dashboard

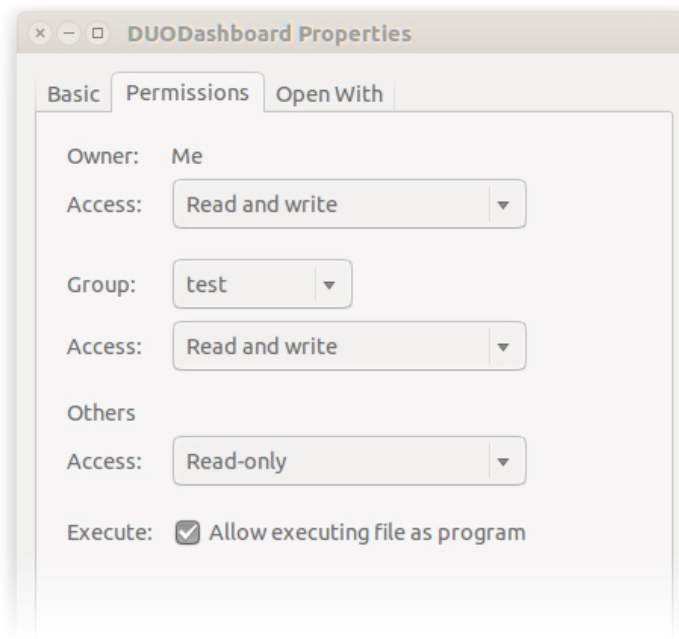
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Once the installation is complete you will have new applications available on your system. Going to where you extracted the package, here is an example with the user directory at `~/Documents/DU03D-ARM-ALL-v1.0.0.148/DUODashboard/` . If the application does not run make sure you have a valid **LicenseKey** set in the `DUODashboard.cfg` settings file.

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Make sure the permissions on the file to **Allow executing file as program**. This can be done with Terminal with this command `chmod +x DUODashboard` or **right clicking** on the file.

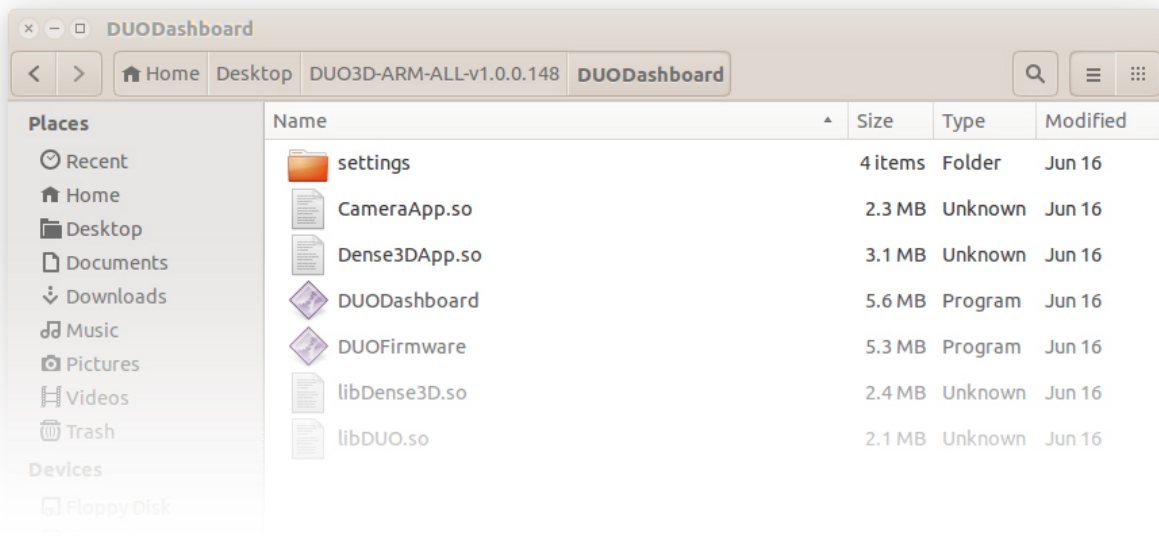
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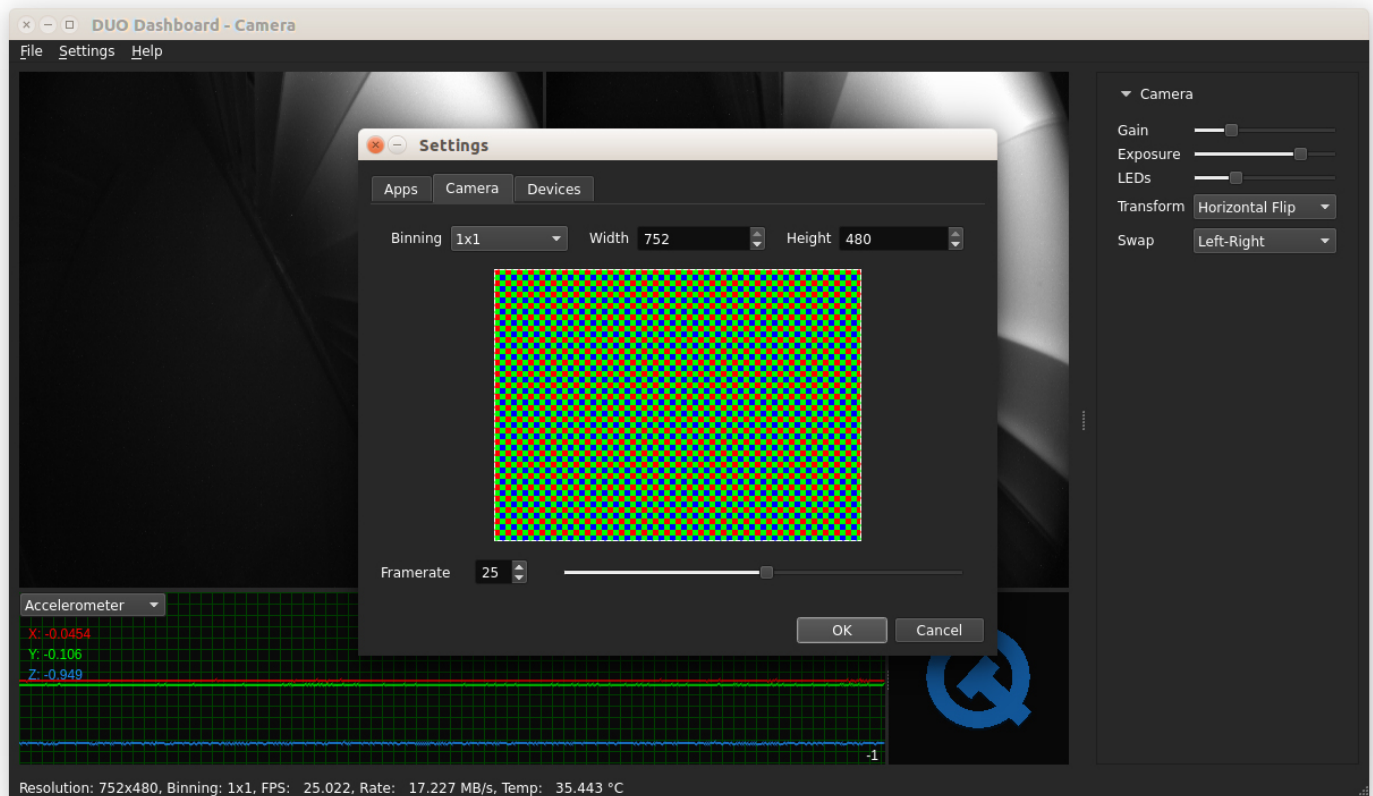
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Running the **DUODashboard** application in the folder (Located where you extracted the package)

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After properly installed device and running, the dashboard should look like this:



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## Using the Applications

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Using the Dashboard and Calibration applications will let you test if your DUO device is properly installed, tweak its parameters and view the output. Once your device is operating properly you can start reading the DUO Dashboard article to get started on the following guides.

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- Capturing - Outlines how to get started capturing data from the cameras and motion sensors.
  - Configuring - Review of the DUO Dashboard application settings and configuration parameters.
  - Developers - Guide on how to compile and deploy your application that use DUO devices.
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**If your devices is not recognized** try resolving the issue with some of the tips in the Troubleshooting article.

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## Related

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- DUO Linux Installation
  - DUO Dashboard
  - DUO Calibration
  - DUO Developers
  - DUO Devices
  - DUO Downloads
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