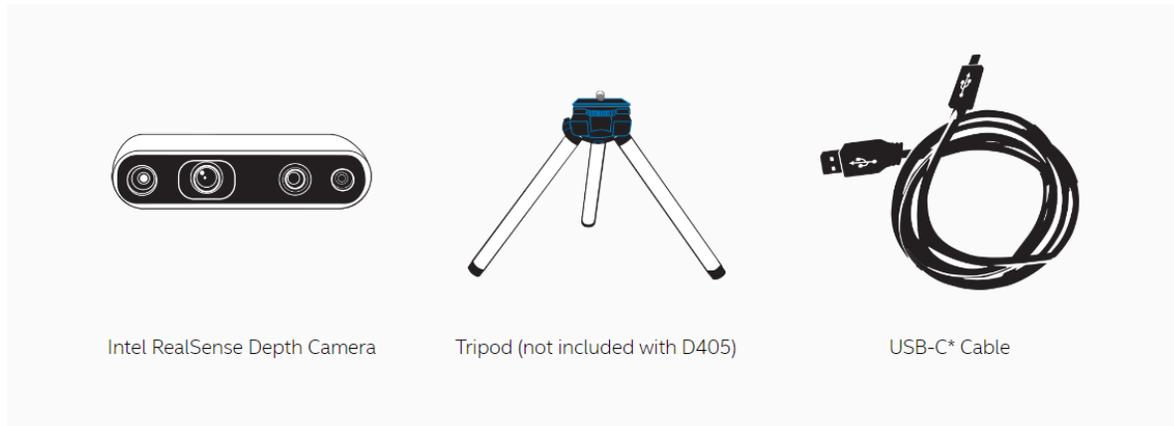
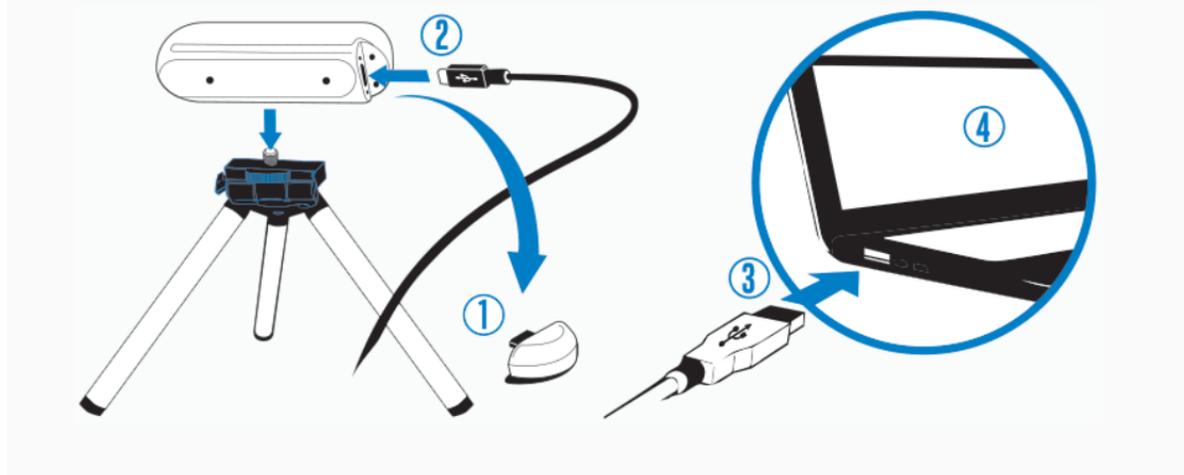


## Intel RealSense Depth Camera D435i Quick Start Guide

1. Plug the camera into a USB 3.0 port on your computer using the USB charger provided. Attach the mini tripod to the camera.



Using the provided USB-C cable connect your depth camera to the PC.



2. Go to the [RealSense Github](#). Scroll to the bottom and download the [Intel.RealSense.Viewer.exe](#) and [Depth.Quality.Tool.exe](#). Click on the downloaded files and follow the instructions to install.

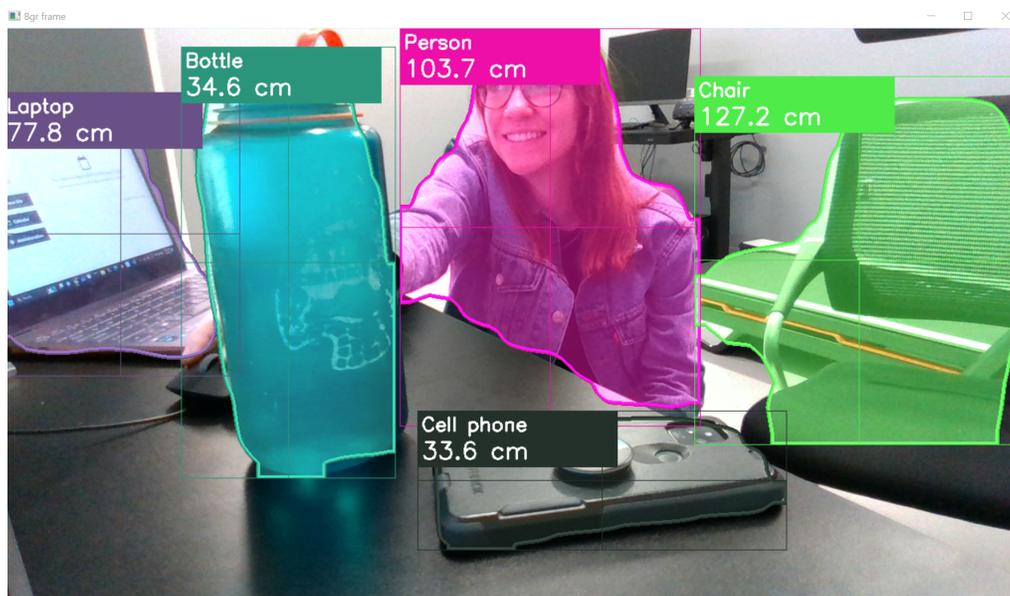


### More Information

- An alternative quick-start guide can be found [here](#).
- Here's a video on using the D435i for [3D Scanning](#).
- For [skeletal tracking](#), follow the instructions [here](#).
- For LUMOplay interactive games, create an account and download the free version of LUMOplay [here](#).

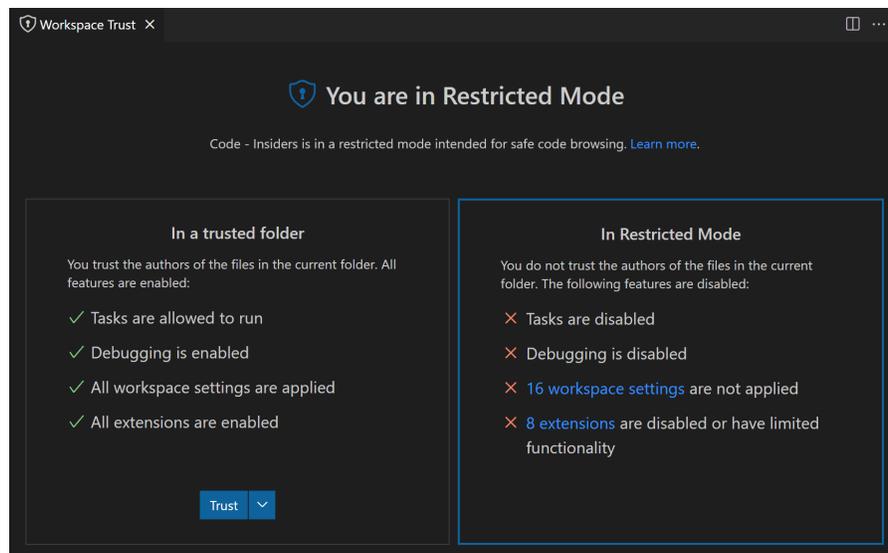
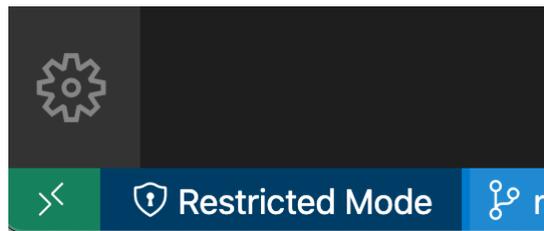
### Measure Distance Tutorial ([video](#) and [article](#))

*This tutorial involves downloading and running code to display the distance of specific objects from the RealSense Camera.*



1. Scroll to the bottom of the [article tutorial](#) and register to download the starter files. Extract the contents of the .zip folder.
2. Run the following commands in the same folder as (1):
  - pip install opencv-python
  - pip install pyrealsense2

▼ **Note:** When you open the python files in VSCode, you may see errors in the import lines (i.e. “Import numpy could not be resolved”). If you see “Restricted Mode” on the bottom left of VSCode, click it and then select “Trust.” Then, press ctrl+shift+p. In the search box, type and select “Python: Select Interpreter”. Select Python 3.11.3, or whichever version eliminates the errors.



3. Close any other programs using your camera (ie Intel RealSense Viewer, etc). Run `measure_object_distance.py`