

Hardware Assembly Instructions

Our hardware consists of two main components:

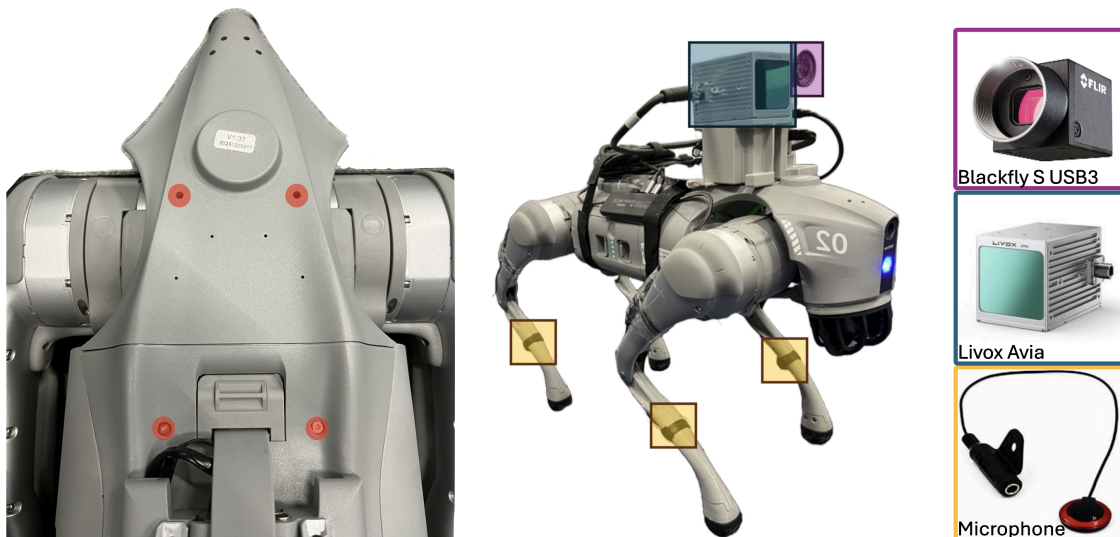
1. **Main Unit:** This is mounted on the Unitree Go2 and is used for gathering multi-modal input.
2. **Controller (Optional):** This optional component can be attached to facilitate monitoring during outdoor operations.

Main Unit:

To mount your device holder on the Go2, follow these steps:

1. Use the screw holes highlighted in red to attach the device holder.
2. You may need to unscrew the original screws first.
3. Once removed, align the device holder with the screw holes and then reinsert the screws to secure it.
4. Last, attach the four contact microphones to the calves of the Go2.

After mounting, the setup should resemble the final look shown in the diagram.



For optimal performance of the Livox Avia sensor, consider disabling the built-in LiDAR when in operation. This helps to reduce any instability or vibration caused by the spinning mechanism, ensuring more stable readings.

Controller (Optional):

After you 3D print all the parts, you should assemble them based on the following image.

