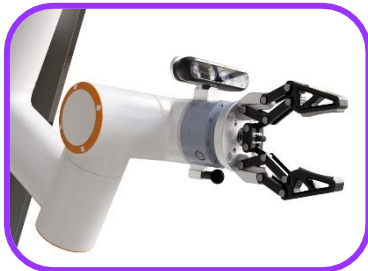


OPEN DROIDS

R1D1 SPECSHEET



R1D1 is equipped with a **6 DOF arm** which has a **3kg payload** capacity. It has a **622mm** of maximum reach. It is also mounted with an **Intel RealSense d435i camera** and a **microphone** for audio input.



For reaching variable height the robot uses a **linear actuator** mounted vertically, it has a stroke length of **1.2 meters**.



The mobility of the robot is governed by a mobile base which has **60kgs**. It has a width of **500mm** and height of **311mm**. It is equipped with **Lidar** and **ultrasonic sensors**. It can charge itself automatically, and can move between speed of **0.3-1 m/s**.