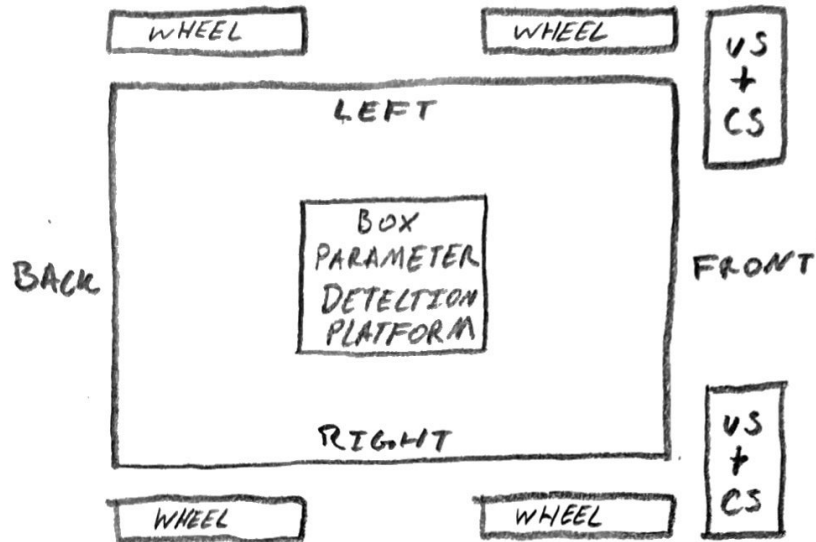


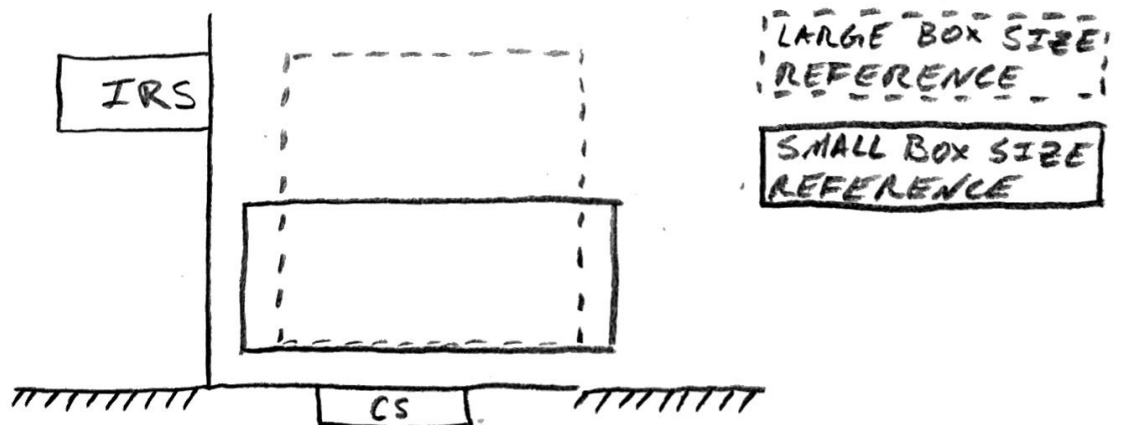
DESIGN 1

TOP VIEW



- STANDARD (1 DEGREE OF FREEDOM) WHEELS
- 2 DUAL SENSORS (COLOR + ULTRASONIC W/ SHARED MOUNT)
- EXTERNAL (SANS-GRIPPER) BOX DETECTION

RIGHT-SIDE VIEW OF THE DETECTION PLATFORM



- GUARDED (SHADED) COLOR SENSOR
 - DETERMINES BOX COLOR
- ELEVATED INFRARED SENSOR
 - DETERMINES BOX SIZE