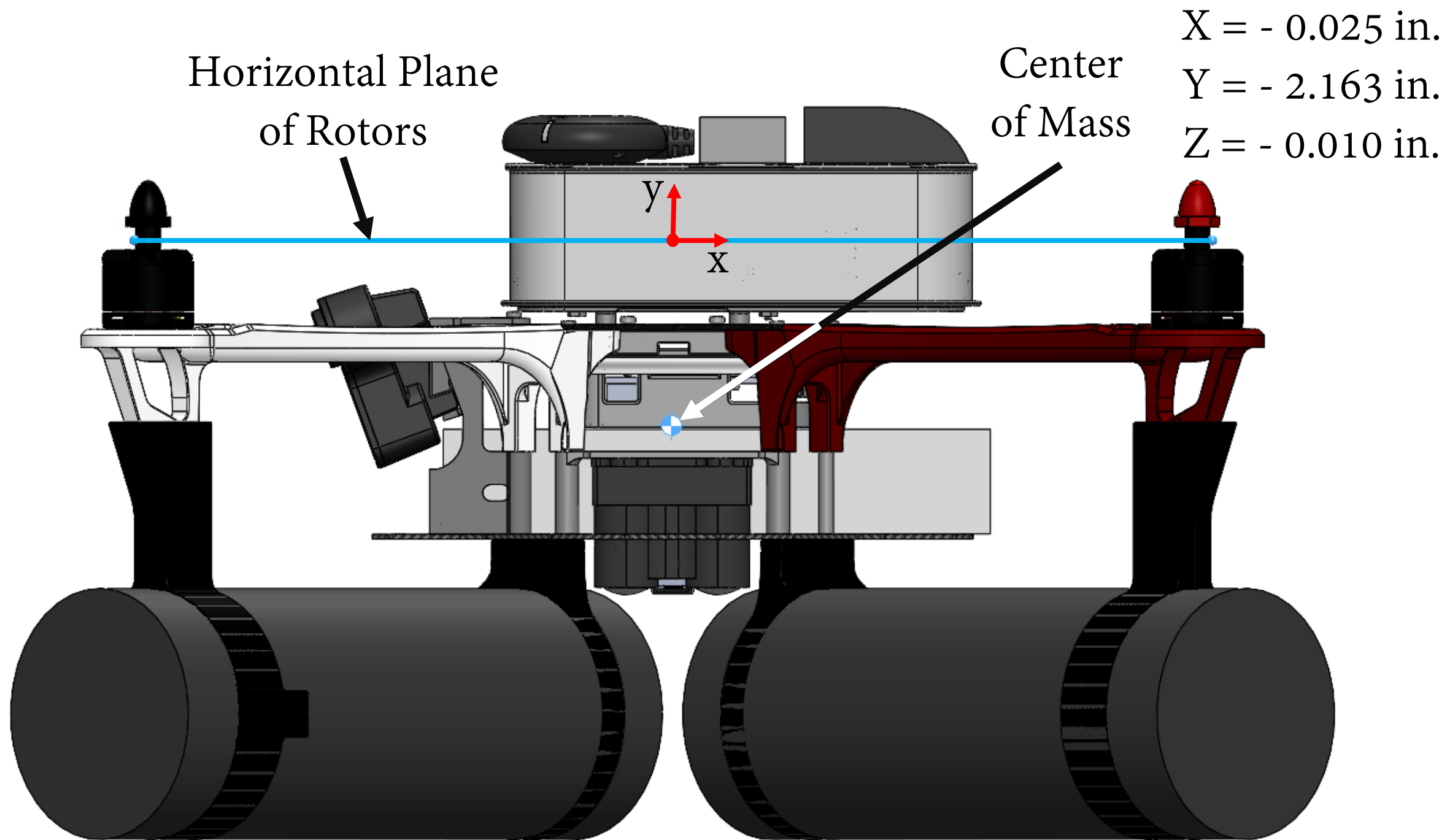
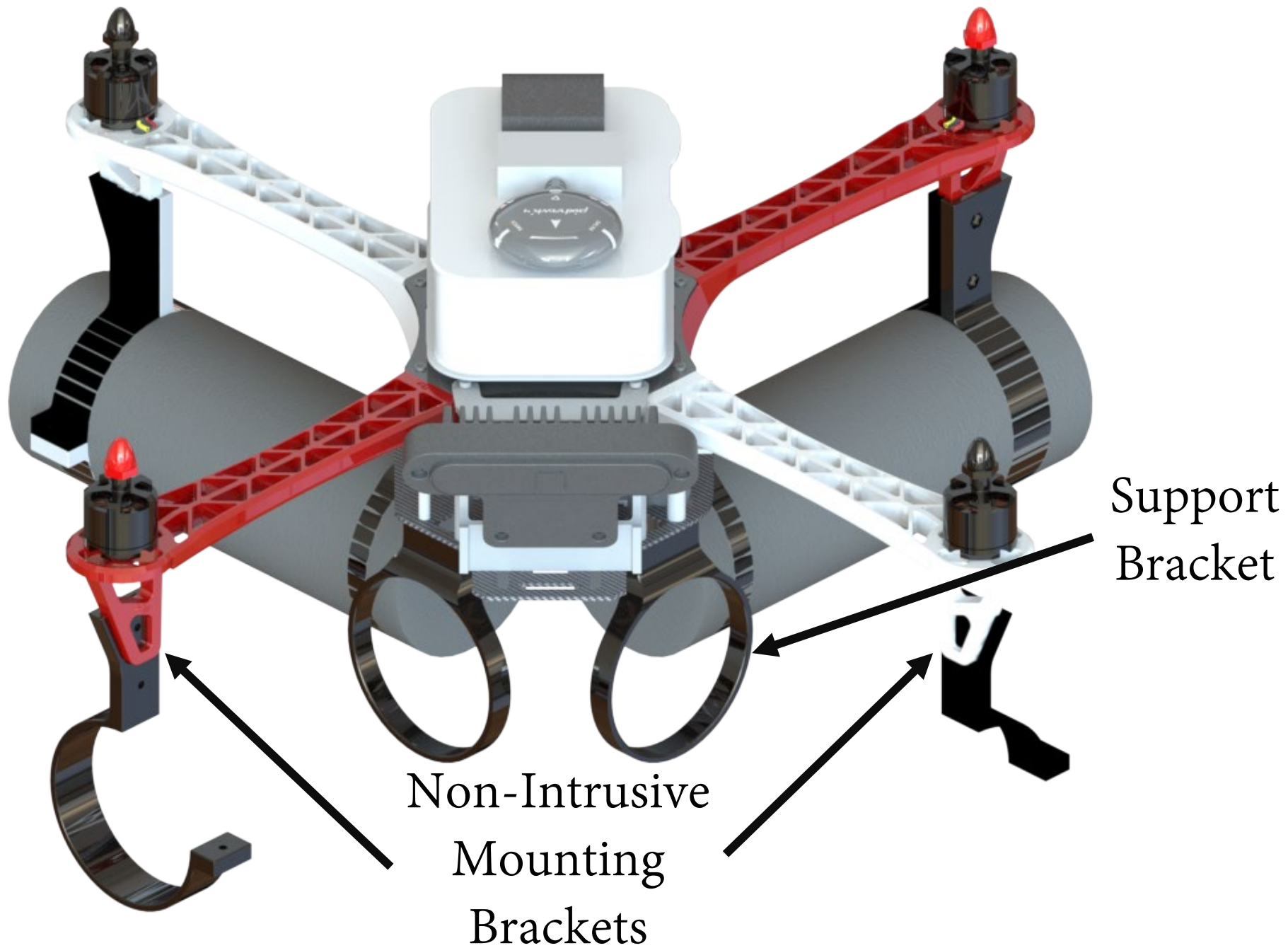


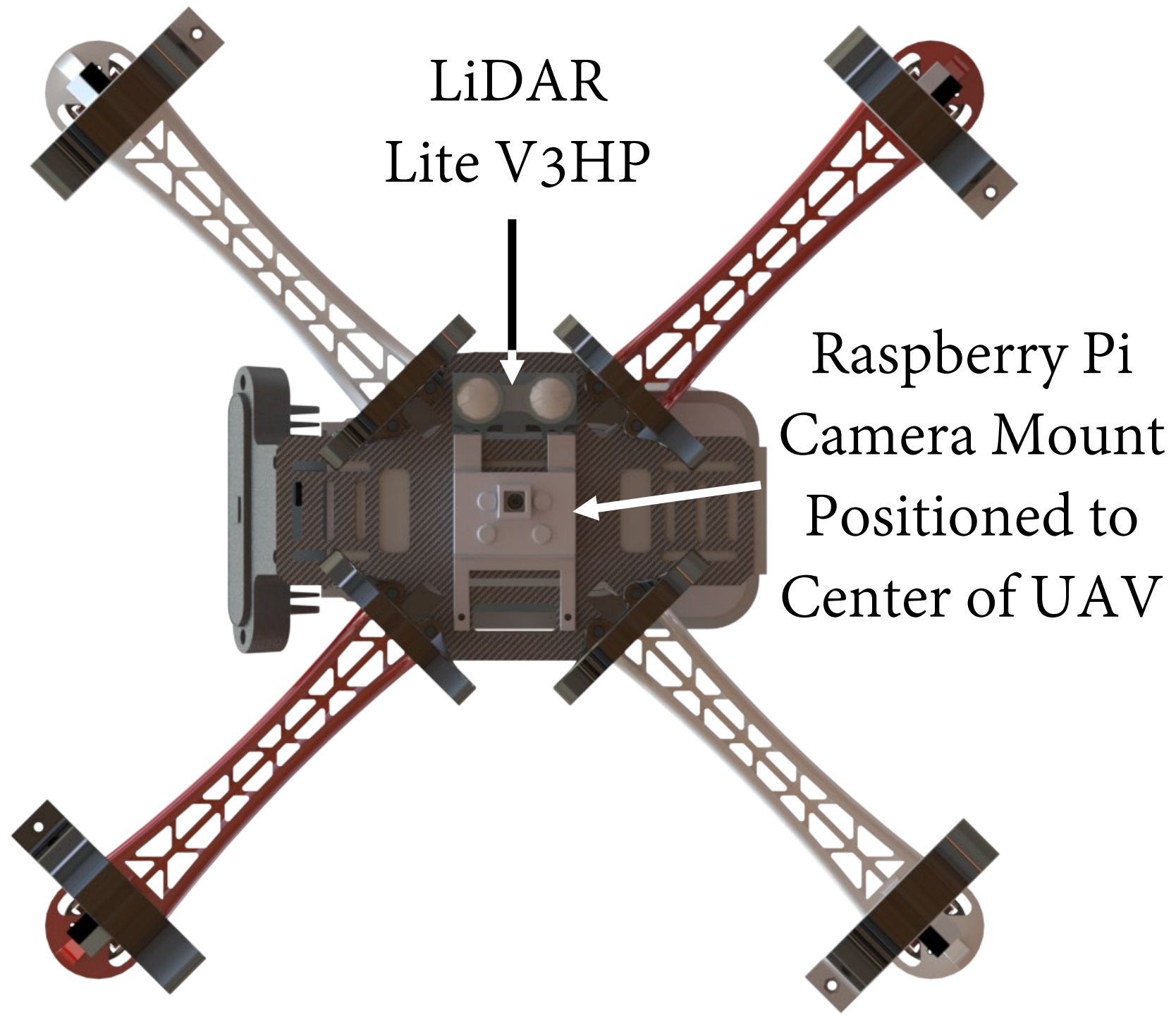


IP 34 Water Resistant  
Electronics Enclosure







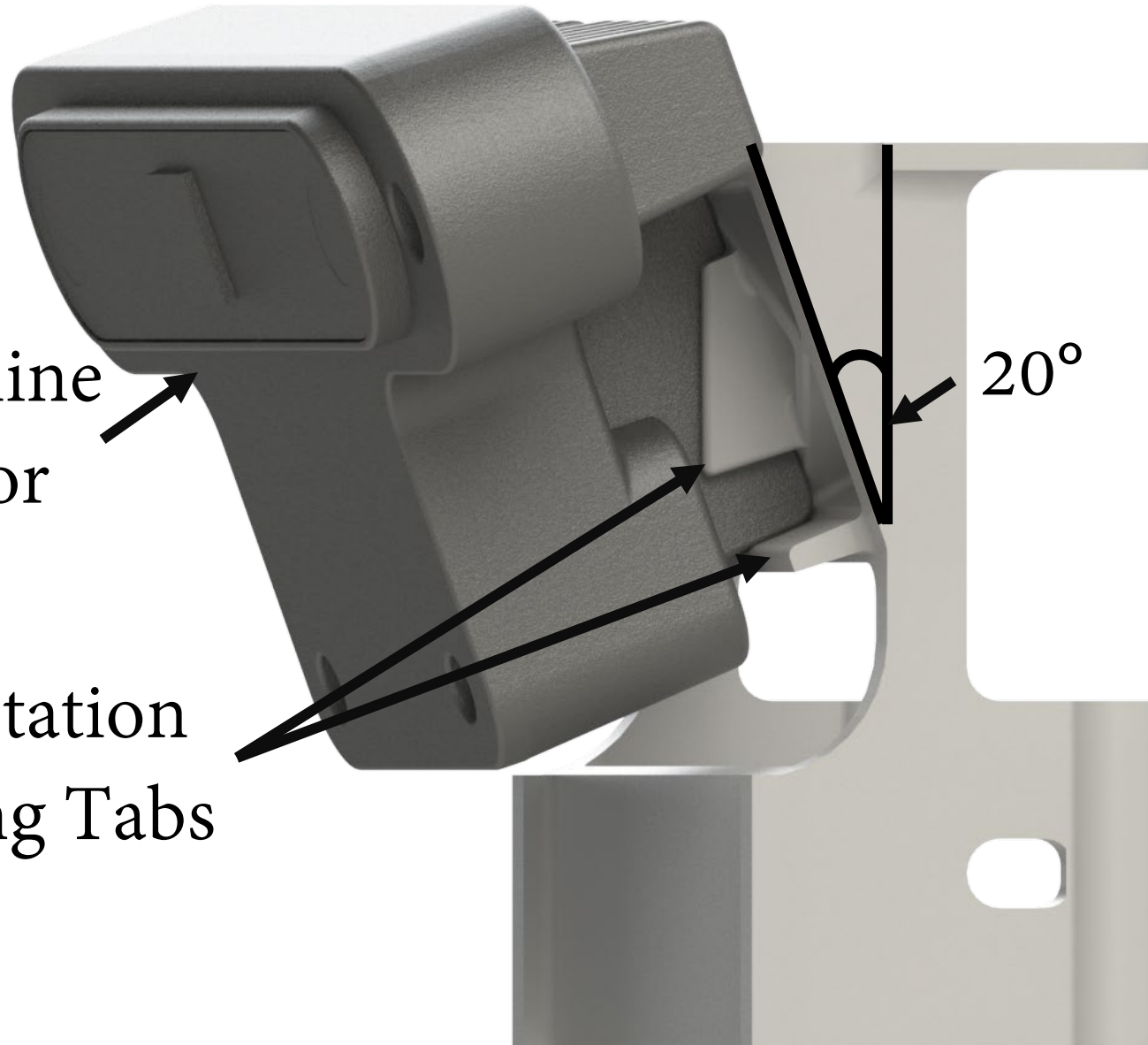




OAK-D Machine  
Vision Sensor

Orientation  
Locking Tabs

20°

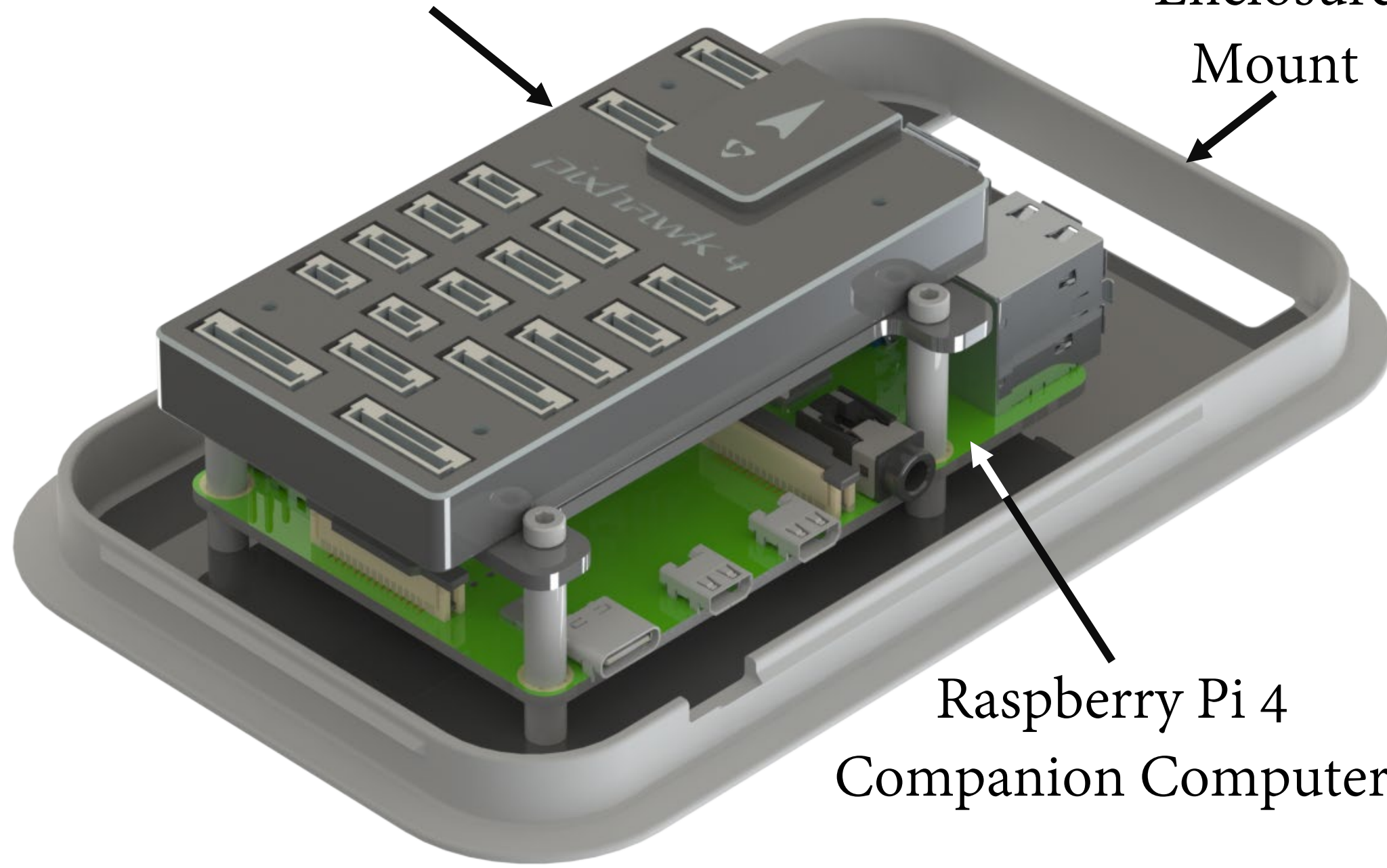


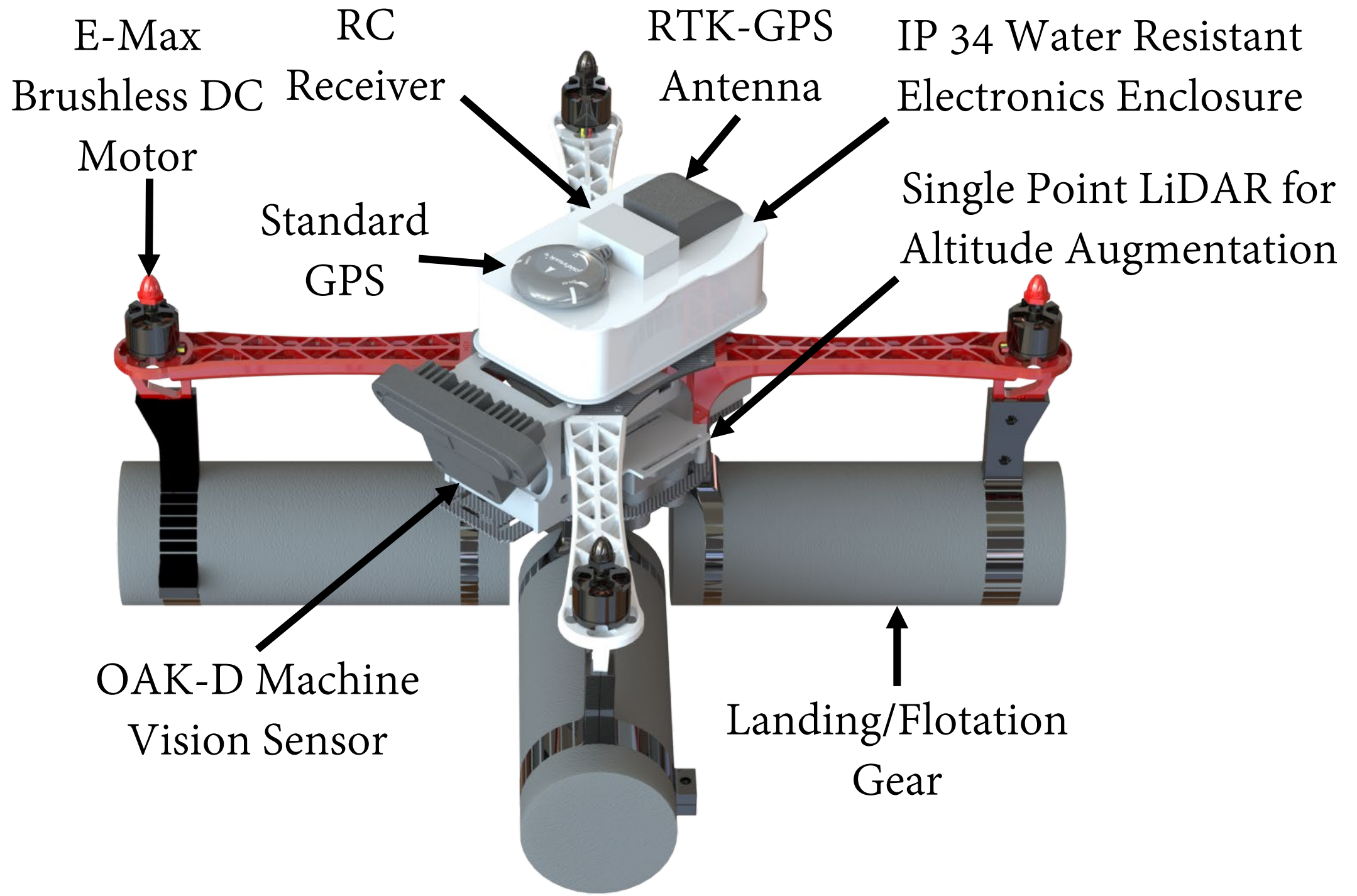
Pixhawk 4 FCU

Enclosure

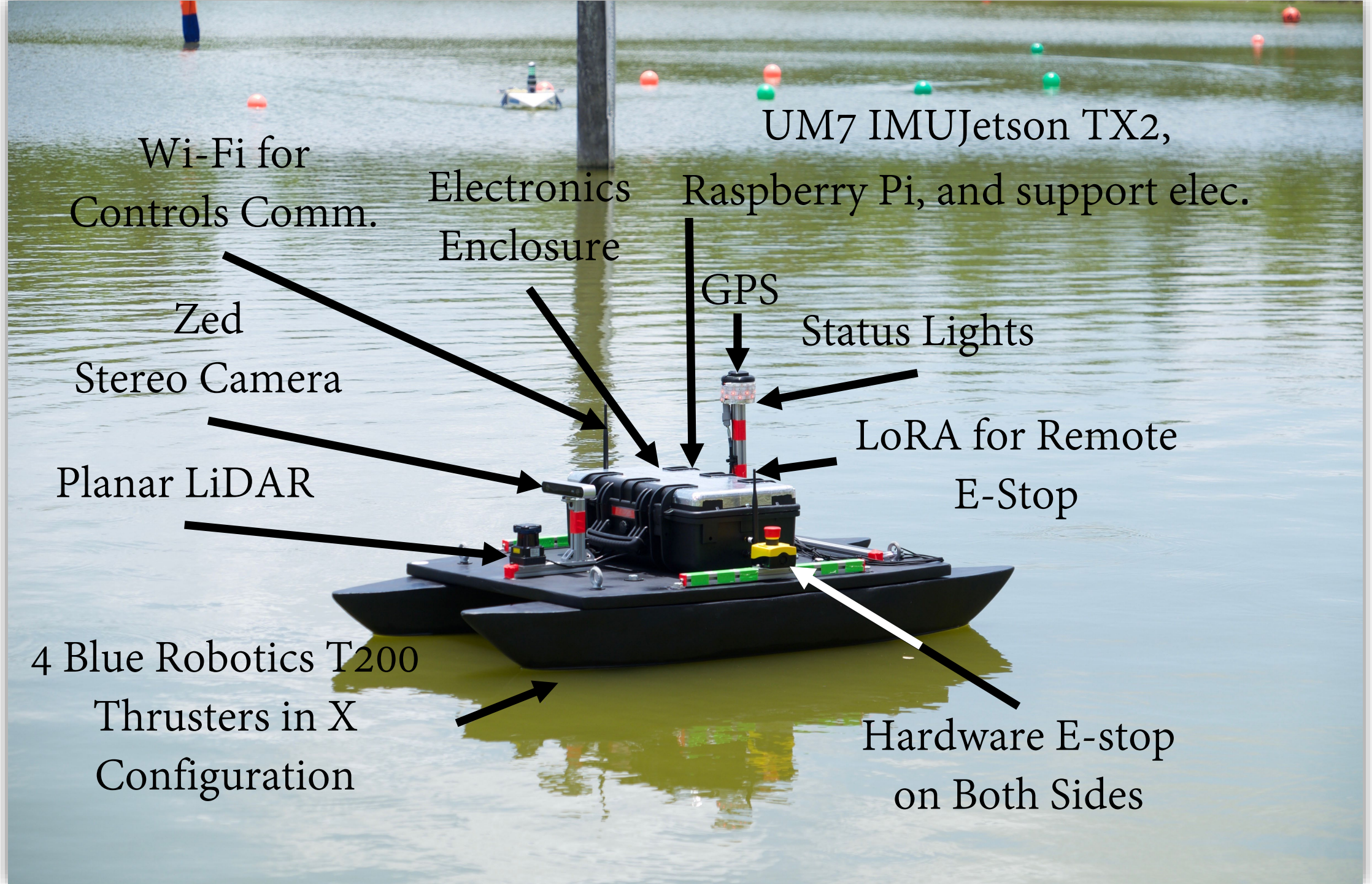
Mount

Raspberry Pi 4  
Companion Computer









Wi-Fi for  
Controls Comm.

Electronics  
Enclosure

UM7 IMUJetson TX2,  
Raspberry Pi, and support elec.

Zed  
Stereo Camera

GPS

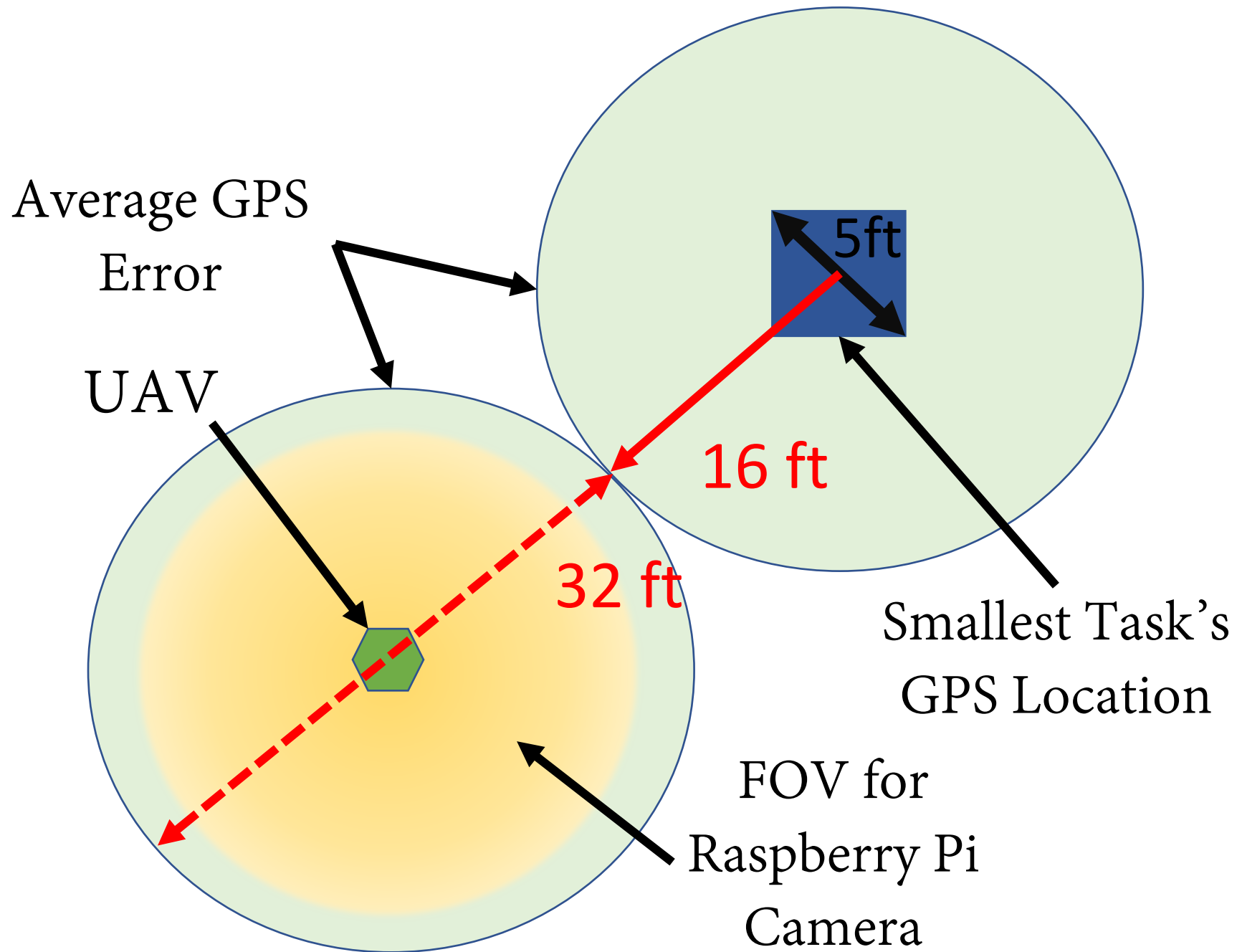
Status Lights

Planar LiDAR

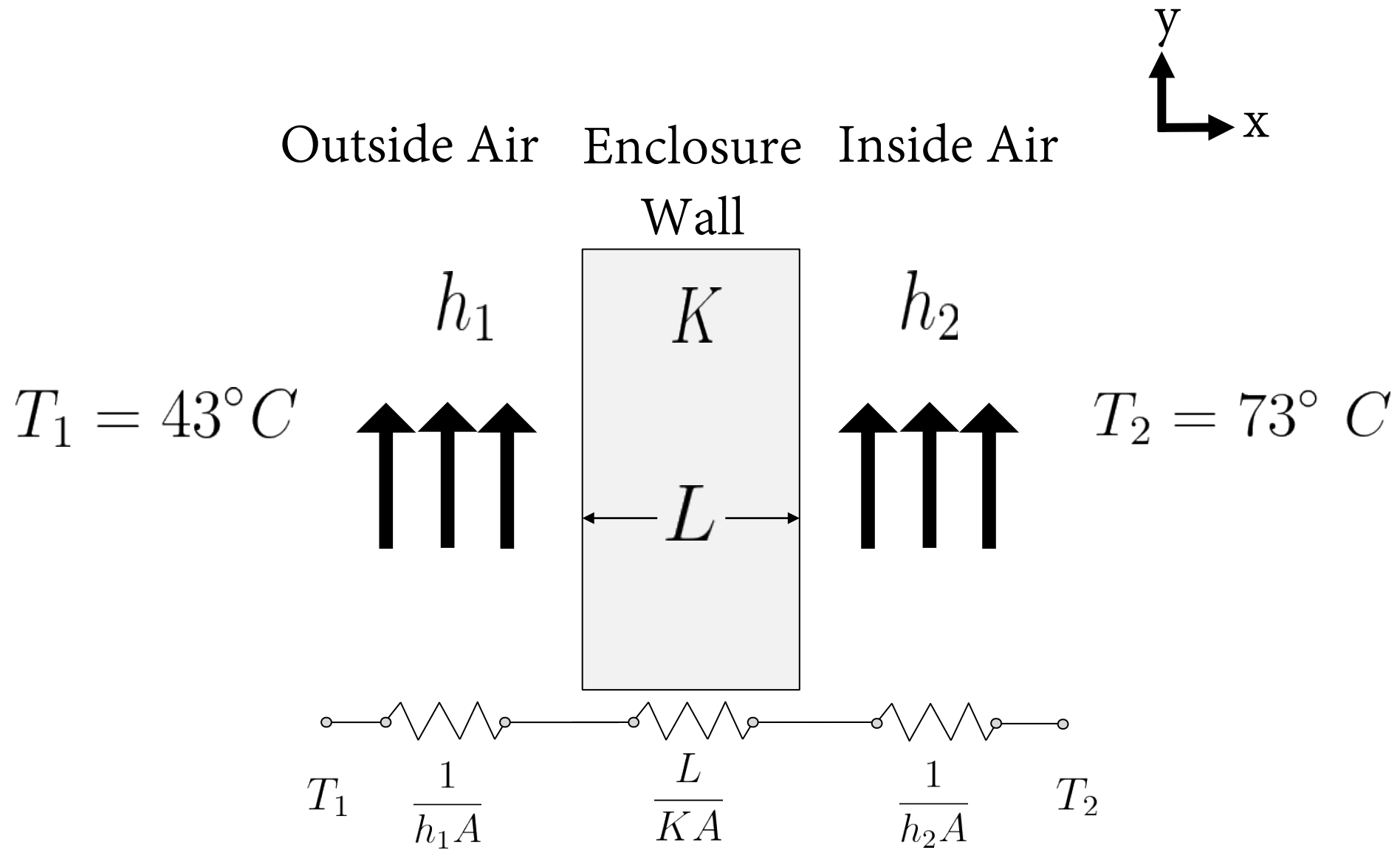
LoRA for Remote  
E-Stop

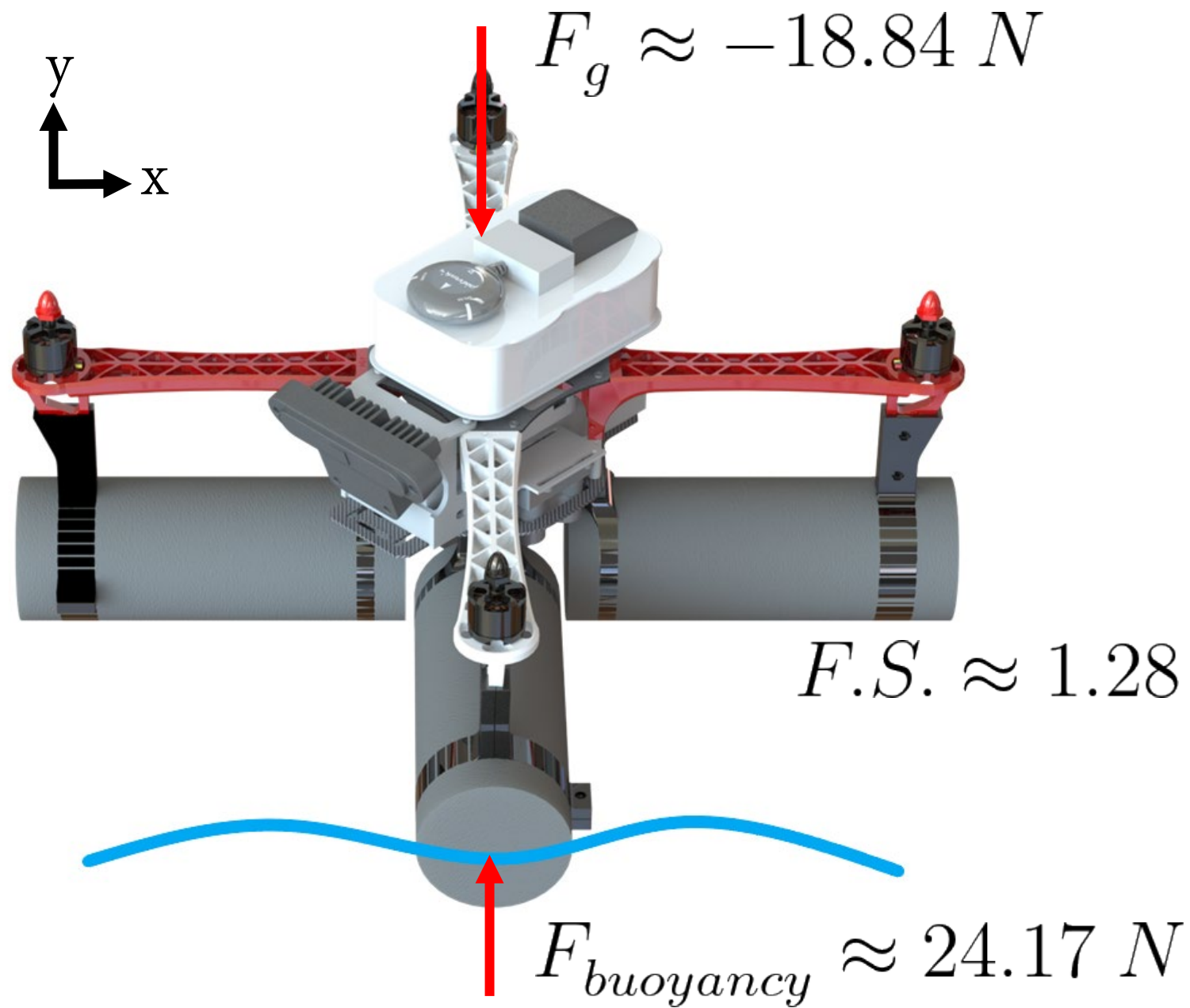
4 Blue Robotics T200  
Thrusters in X  
Configuration

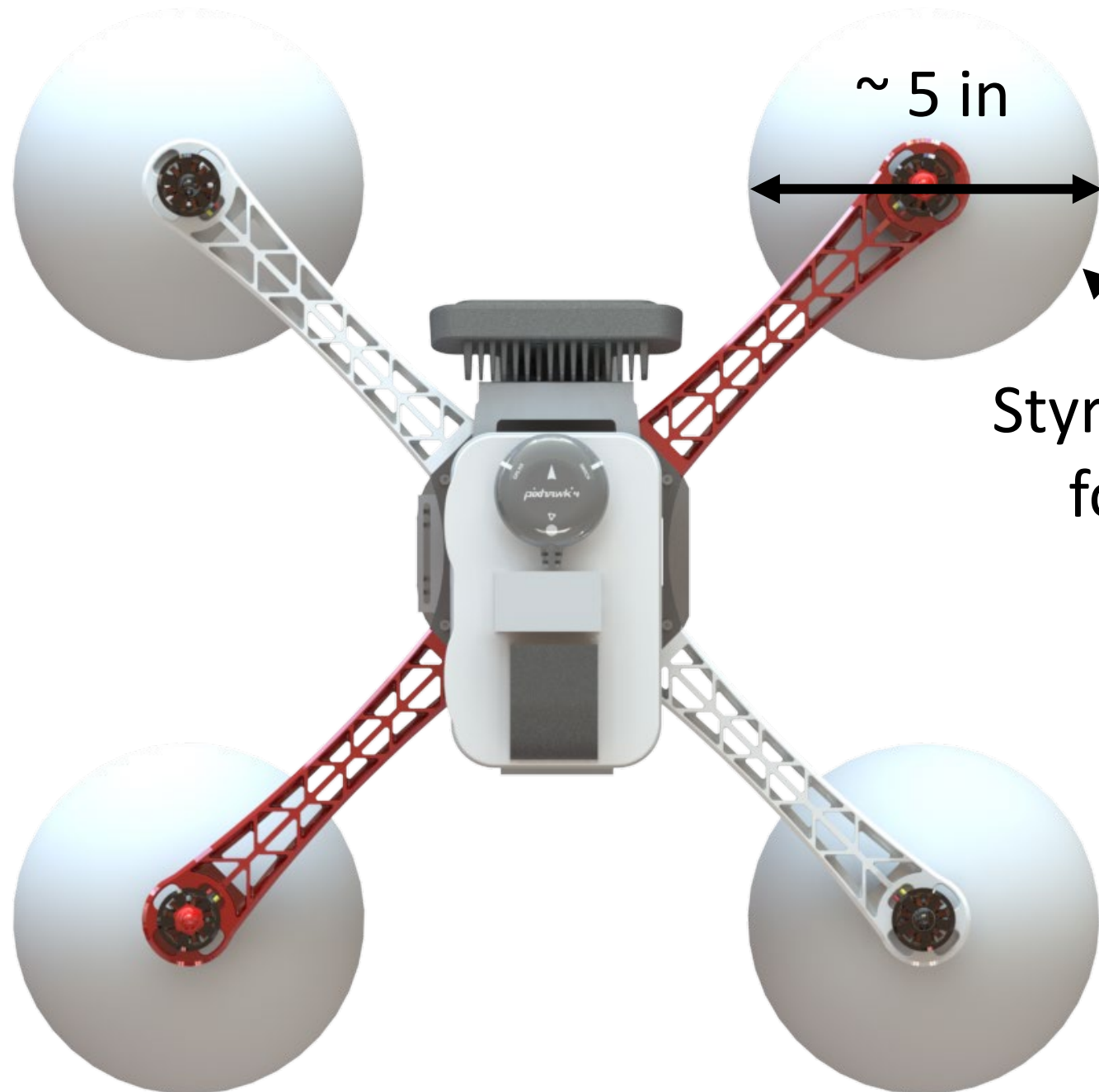
Hardware E-stop  
on Both Sides





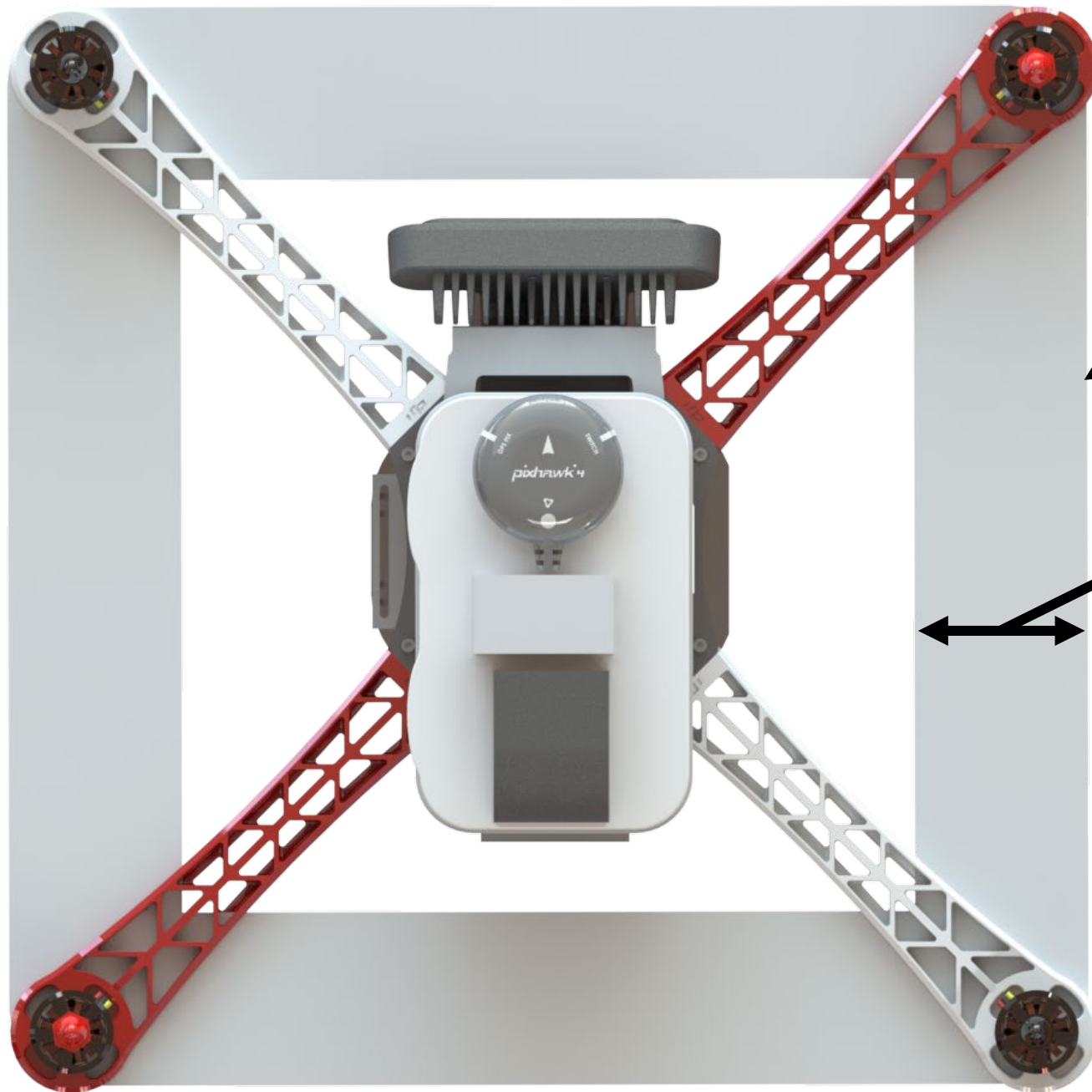






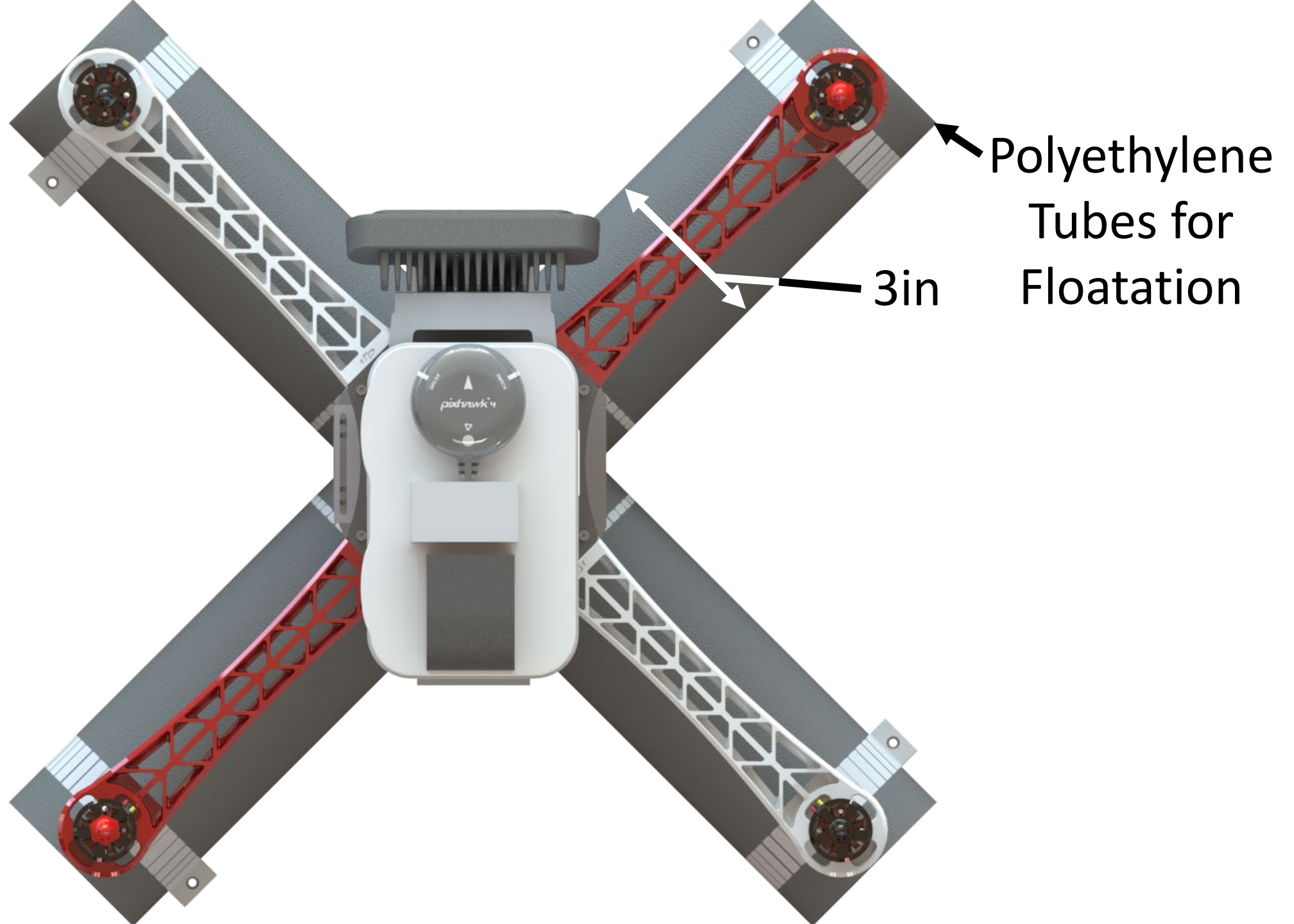
~ 5 in

Styrofoam Spheres  
for Floatation



Styrofoam Square  
for Floatation

~ 2.25 in





Horizontal Plane

