Self-balancing mode

1. Purpose

Understanding the robot dog's self-stabilization mode

2. Experimental path source code

Enter the robot dog system, end the robot dog program, enter "ip (ip is the robot dog's ip): 8888" in the browser, and enter the password "yahboom"

Then log in and go to **cd ~/DOGZILLA_Lite_class/3.Dog Base Control/05.Stabilize Mode** and run **Stabilize_Mode.ipynb** .

3. Experimental Phenomenon

After running the source code, choose whether to enable the self-balancing mode.

- Balanced mode effects:

- Turn off the Balance Mode effect:

4. Main source code analysis

1. dog.imu(mode)

- Incoming parameters: 0-turn off the self-stabilization mode 1-turn on the self-stabilization mode