

PyDrone

Description of SOFTWARE



Feb 12 2017
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OS configuration

`sudo raspi-config`

select "8 Advanced Options" -> "A7 I2C" and enable i2c

add **following** line in `/etc/modprobe.d/i2c.conf`

`options i2c_bcm2708 baudrate=400000`

How to run pydrone

`cd PyDrone`

`sudo python3 pydrone.py --hid`

You need tune PID parameter in `pydrone.conf`.

Add `--hid` option when pydrone is controlled by wireless usb joystick like JC-U3412SBK (ELECOM).

If no option specified, drone is controlled by UDP packet from WiFi.