**DRONE CONTROL**

NOTE:

* First of all, turn on the drone
* Connect the laptop to the drone Wireless AP (**TELLO-9BA4FD**)
* If this error occurs in the Spyder console:

***OSError: [Errno 10038] Error number -10038 occurred: 'udp://@0.0.0.0:11111'; last error log: [udp] bind failed: Error number -10048 occurred***

* + Turn off the drone
  + Connect again to the drone Wireless AP
  + Restart the Spyder kernel
* If this error occurs in the Spyder console:

***Do not have enough frames for decoding, please try again or increase video fps before get\_frame\_read()***

or

***Circular buffer overrun. To avoid, increase fifo\_size URL option. To survive in such case, use overrun\_nonfatal option***

* + The battery charge is low or zero
  + Replace the battery

**KEYBOARD CONTROLS:**

* Observe the Spyder console for messages (status & errors)
* Wait for the video stream window to appear
* Click on the video stream window to use the keyboard keys
* Lower cases keys only
  + w – Move Forward
  + s – Move Backward
  + a – Move Left
  + d – Move Right
  + e – Rotate Clockwise
  + q – Rotate Counterclockwise
  + r – Move Up
  + f – Move Down
* **Click on the ESC – Land the drone & exit the program.**