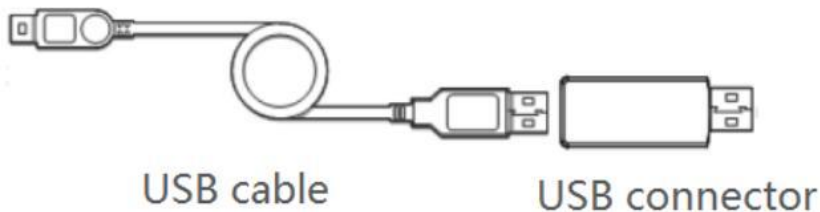


# AK Series Gimbal Firmware Upgrade Manual for Windows

## Attention

- Please get AK series gimbal ready, along with USB cable, USB connector and computer before operating.
- This software is just compatible with Windows operation system.
- Please do not press any other buttons except the ones indicated by the instructions during upgrade.
- Please insert the battery before upgrading and keep the gimbal off.
- **Connect micro USB cable to USB connector as indicated by the following before operating.**

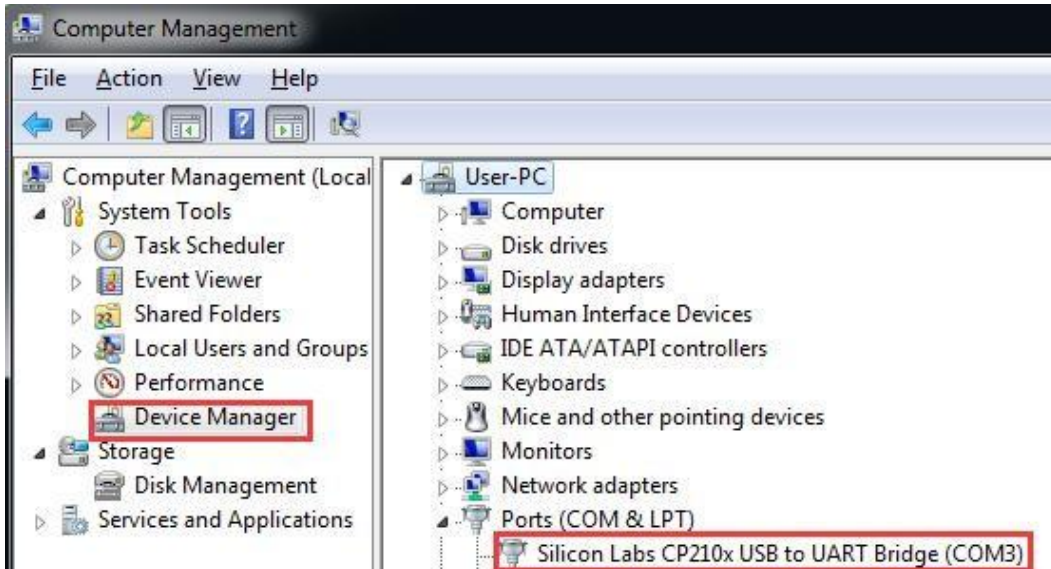


## Steps

### Part 1: preparation

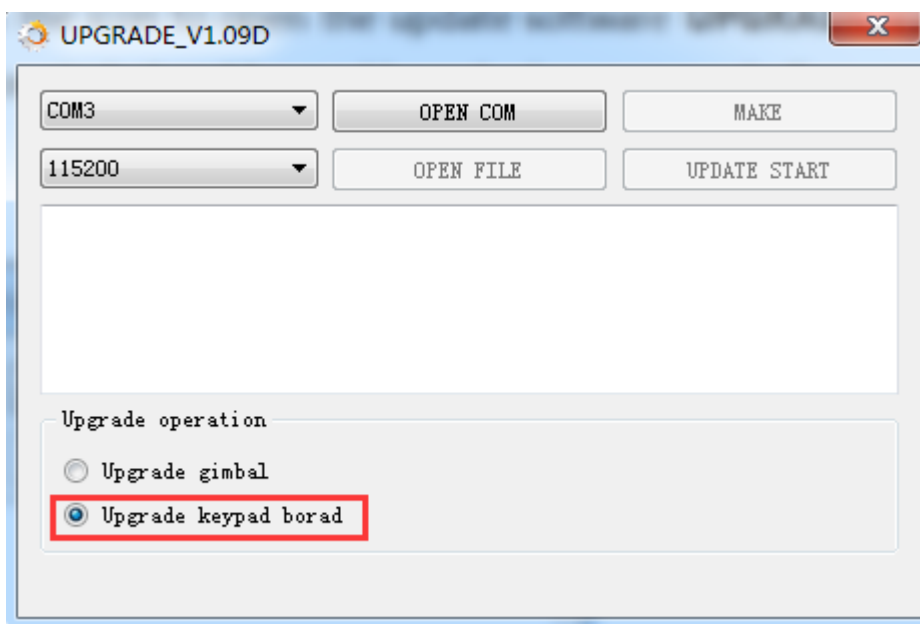
1. Download the USB driver from Feiyu official website [www.feiyu-tech.com](http://www.feiyu-tech.com) then install it. Next, download the upgrade software and the firmware for AK series.

2. Connect USB connector to USB port of the computer. Then check port number in Device Manager. If the COM number is more than COM10, please modify it to the available number which is within COM10.

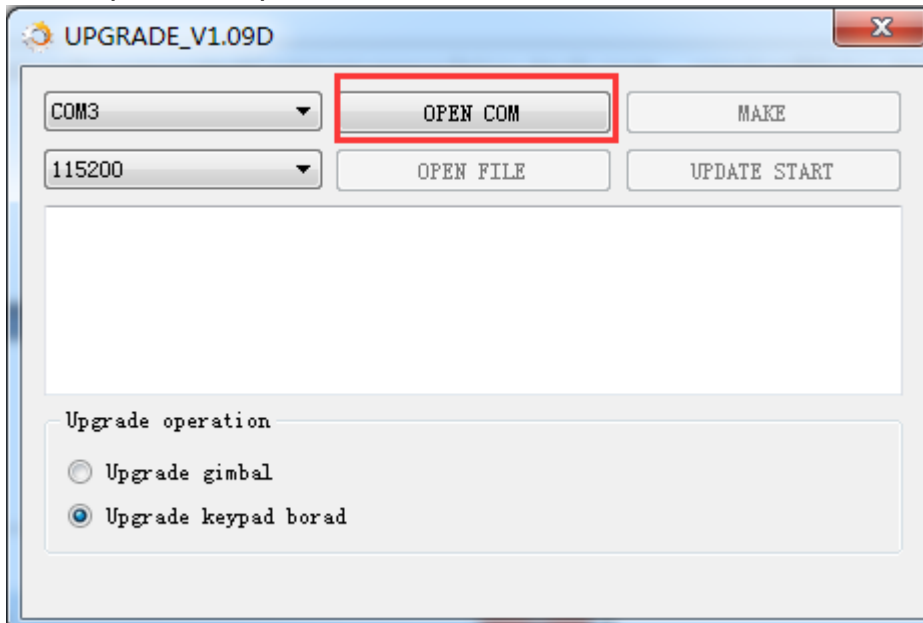


## Part 2:upgrade keypad board firmware

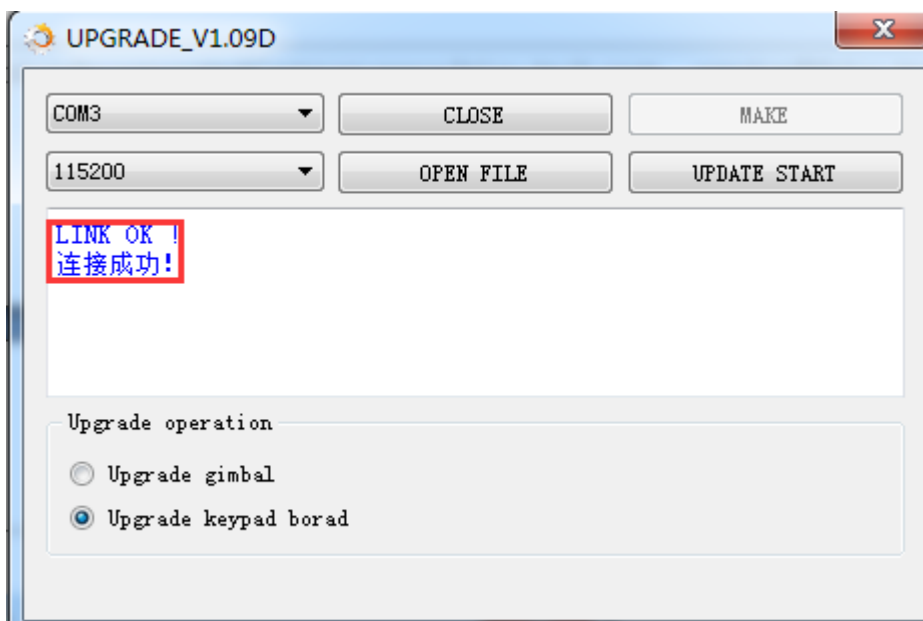
3. Double click on the icon to open the update software **UPGRADE\_V1.09D**. If there are updates both for gimbal and keypad board, please upgrade firmware of keypad board first.



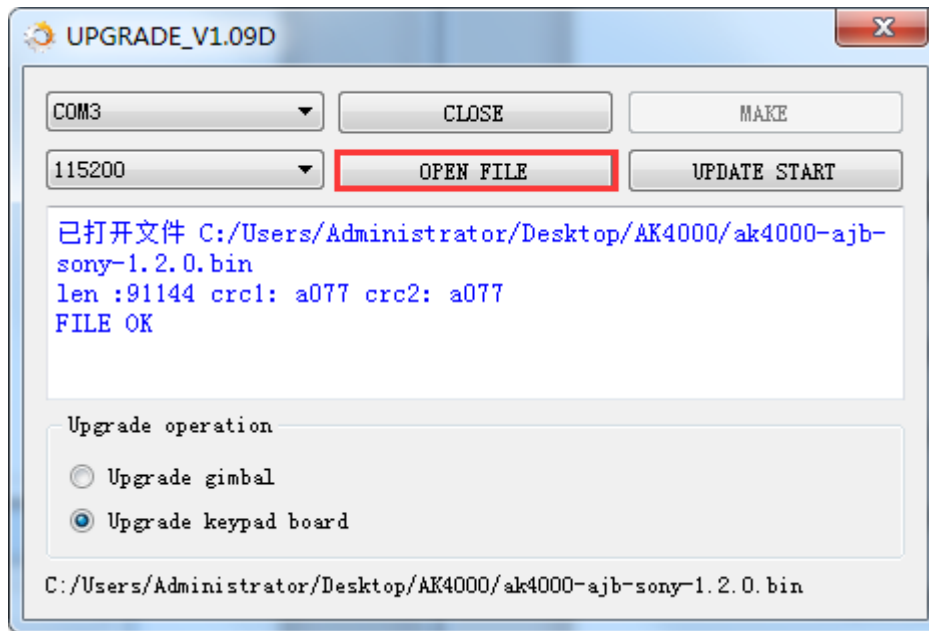
4. Choose right port number and baud rate as 115200, then click on **OPEN COM** button to open COM port.



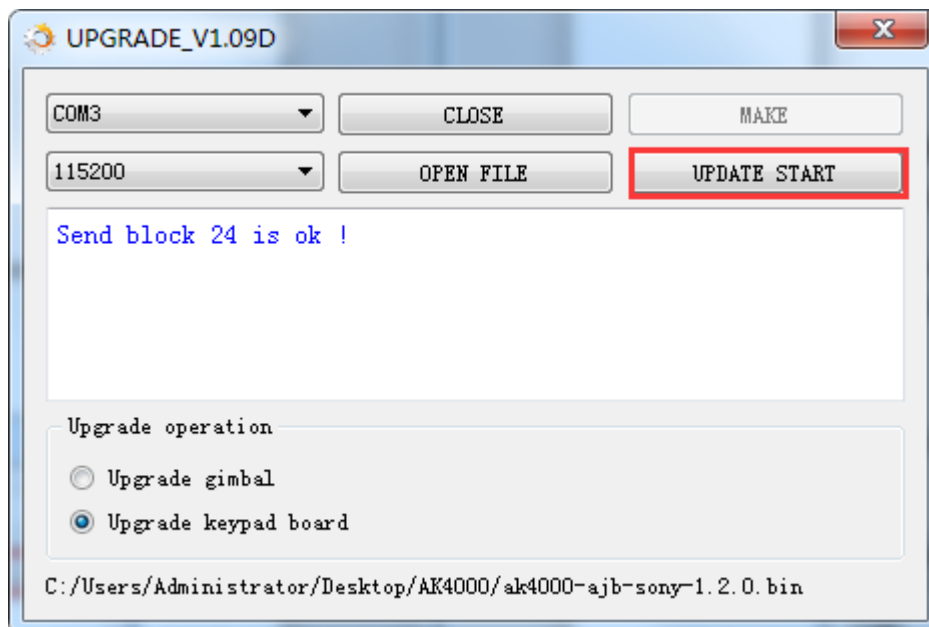
5. Connect AK series to USB cable that has connected with USB connector, long press the power button on the gimbal for about 5 seconds then release it, the connection status shows up.



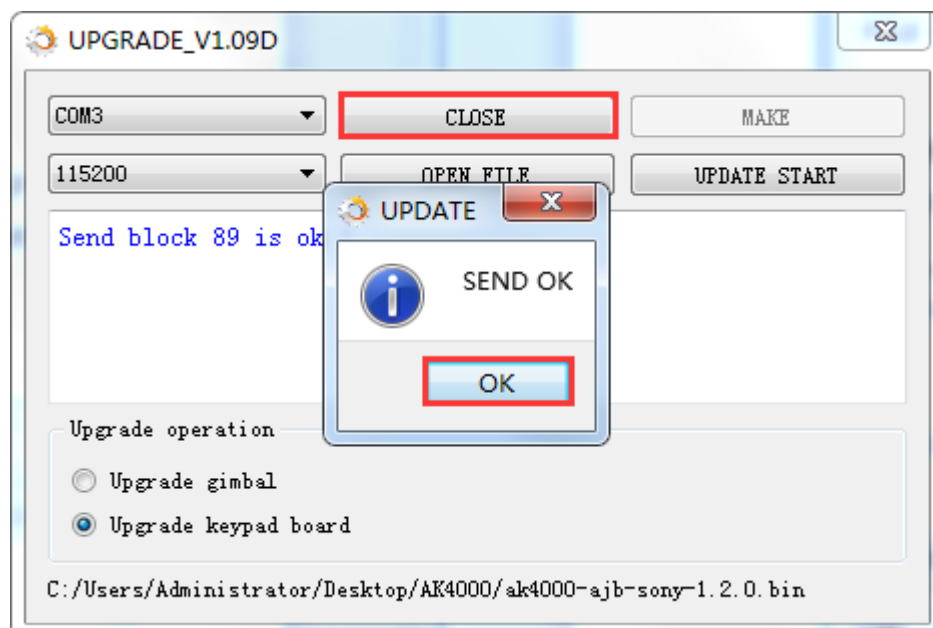
6. Click on **OPEN FILE** button and choose right firmware.



7. Click on **UPDATE START** button to start upgrading, the process will display on the software.

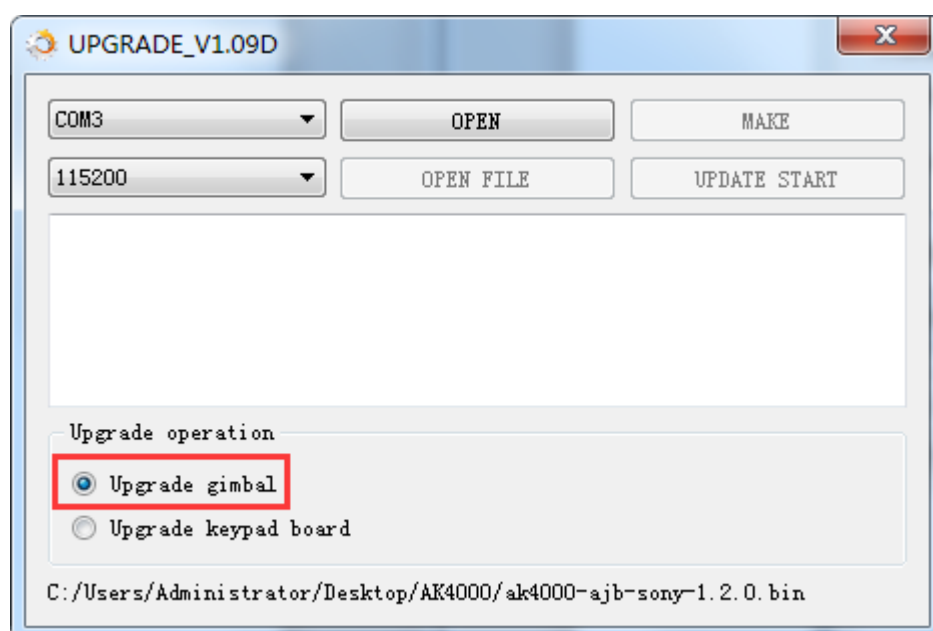


8. When all the blocks of the firmware are sent, click on **OK** button to finish upgrade.  
Next, click on **CLOSE** button then unplug USB cable, long press the power button for about 3 seconds to power off.

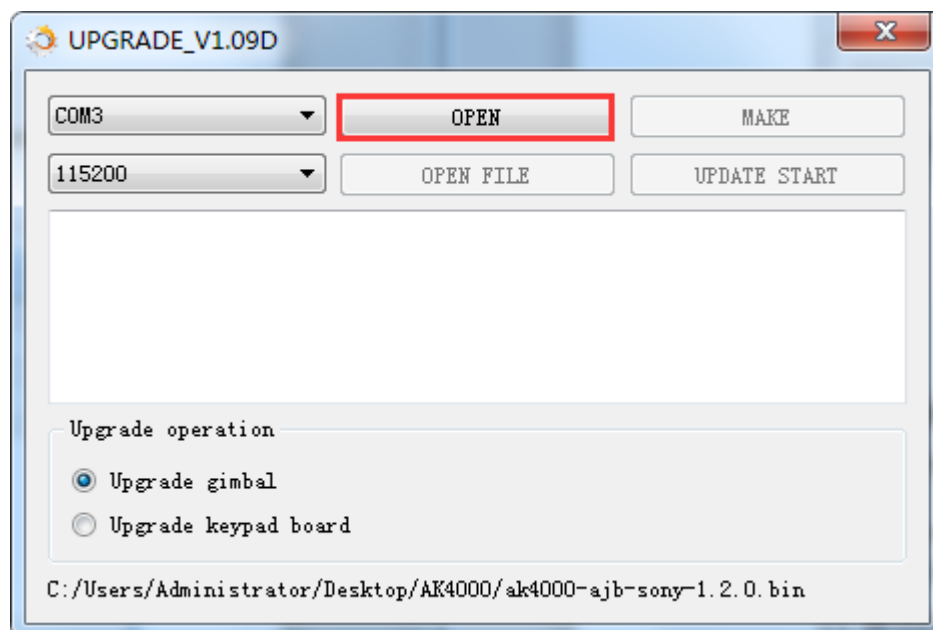


## Part 3: upgrade gimbal firmware

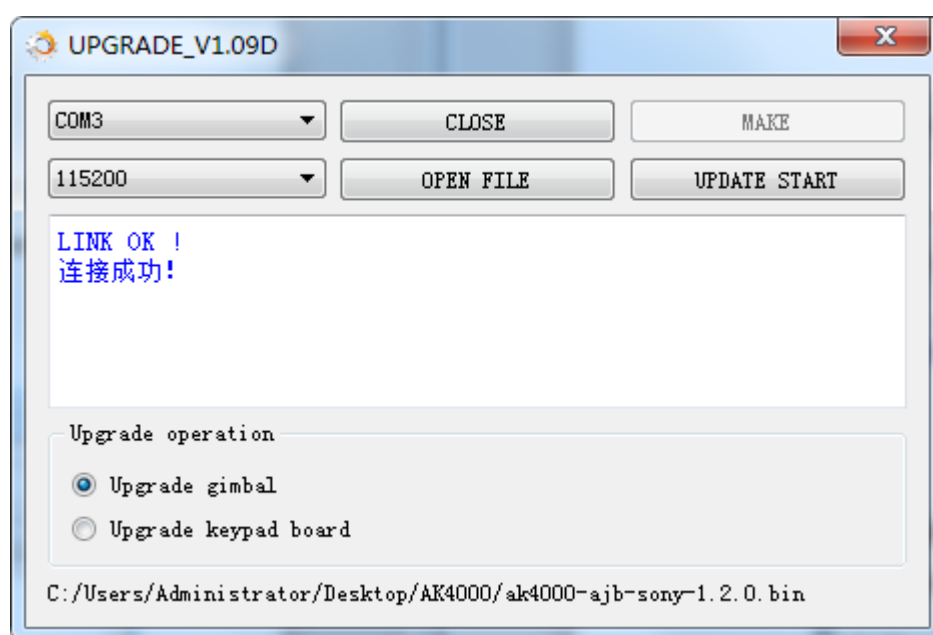
9. Turn to upgrade firmware of gimbal.



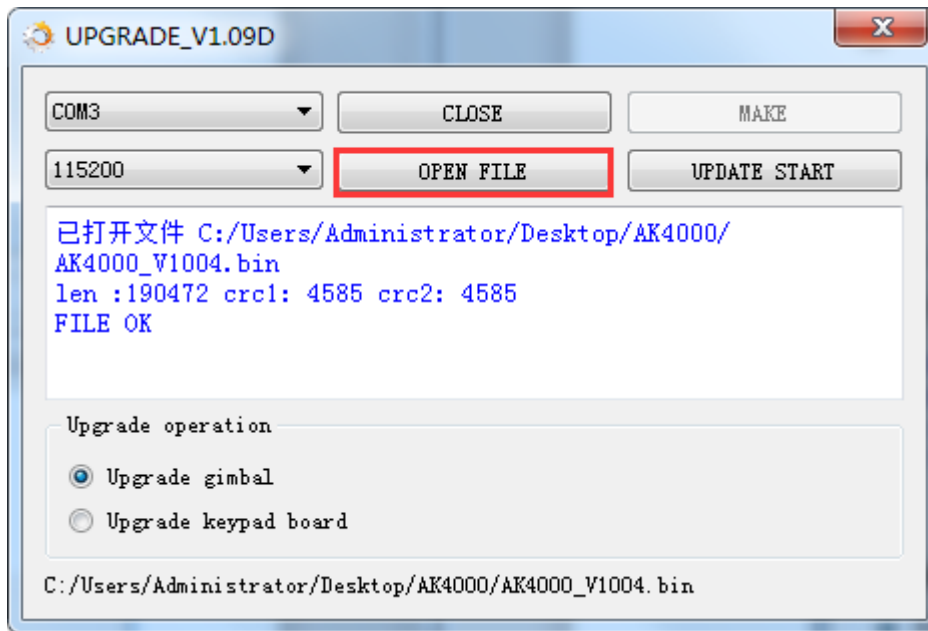
10. Choose right port number and baud rate as 115200, then click on **OPEN** to open COM port.



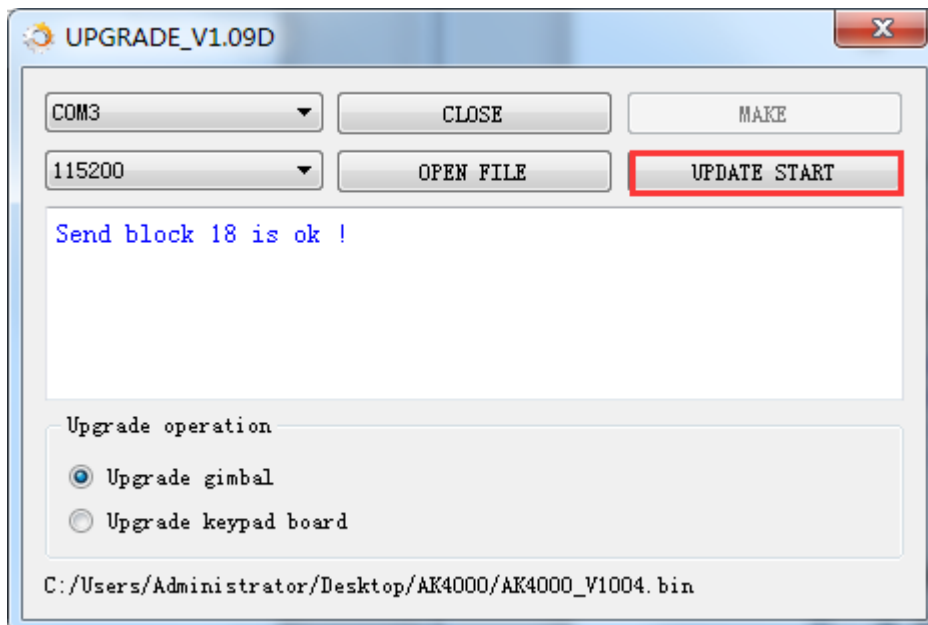
11. Connect AK series to USB cable that has connected with USB connector, long press the power button on the gimbal for about 5 seconds then release it, the connection status shows up.



12. Click on **OPEN FILE** button and choose right firmware.

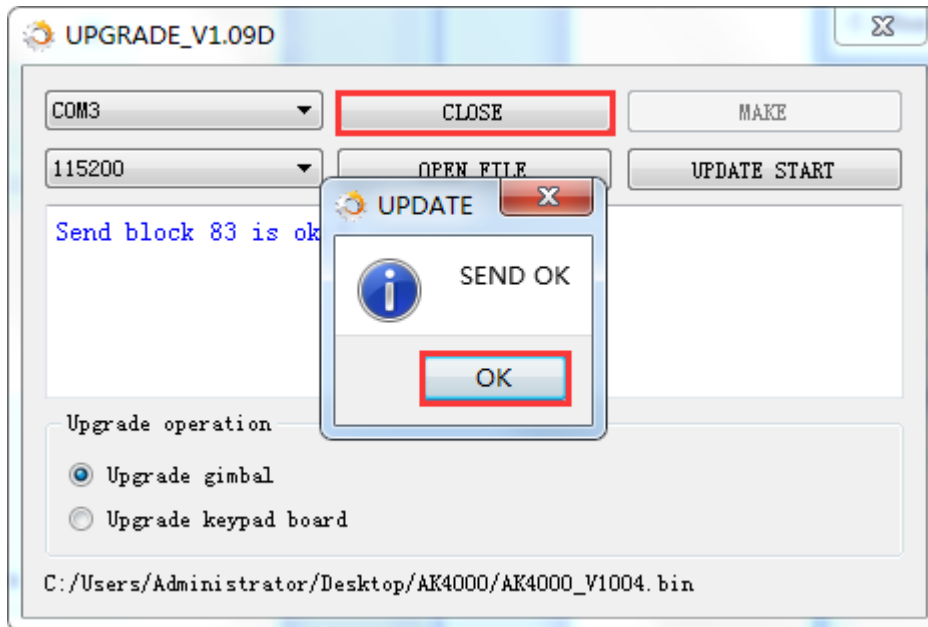


13. Click on **UPDATE START** button to start upgrading, the process will display on the software.



14. When all the blocks of the firmware are sent, click on **OK** button to finish upgrade.

Next, click on **CLOSE** button then unplug USB cable and long press the power button to power off the gimbal.



## FAQ

**NO.1** "LINKOK " didn' t show up when pressing the function button.

**A:**

1. Please check whether tightly plug in USB cable with USB port and with the USB connector, the USB cable is right cable from our standard accessories.
2. Please check whether keep the gimbal off before upgrading.
3. Please check whether choose the right COM number and baud rate as 115200.
4. Please check whether press the function button after clicking on "OPEN COM " button at the right step.

If you did all the things right, please replace a new USB cable and USB connector ,try it again.



**NO.2** When "Link OK" showing up, click on "Start", but no luck, "SEND FAIL" just show up to remind me the update don't work.

**A:** It happened because you didn't hold the function button for enough time, and the power didn't start well. Please press and hold the function button at step 5 and step 11 about 5 seconds.

**NO.3** After clicking on "UPDATE START", "send block 10..." show up in the interface, but "SEND FAIL" happen during the update.

**A:** If "SEND FAIL" shows up during the update, there may be something wrong with the connection between control boards.

Please try to start update again, if the same issue happen, please kindly send back to us for repair.

— END —

Note: We reserve the right to change this manual at any time! Also, the latest edition will be shown on our official website [www.feiyu-tech.com](http://www.feiyu-tech.com).