

Firefly x Lite FPV cam firmware upgrade instructions



Download firmware;

1. You can download it from the website at www.hawkeyefpv.com.cn. downloads the firmware named [firmware.bin](#). And copy it to the root directory of the TF card. When the camera is turned on, it can be updated automatically. Note: for older versions, you may need to manually delete the firmware after the update is completed. And the old version will automatically mute the recording after updating the firmware.

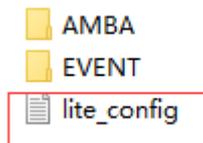
The updated functions are as follows:

- 1, WDR enhancement function is added and opened by default; The whole image quality has been greatly improved!
- 2, The synchronous output of gyro data in CSV format is added, which can be used for computer post stabilization processing;
- 3, The resolution of 2.7k60 / 30fps 4:3 and 1920 * 1440p60 / 30fps 4:3 are added.

- 4, The four resolutions switched by pressing the key are 2.5k60fps EIS on; 1440P 4:3; 4K30FPS Ultra; 2.7K30FPS 4:3; The last three sets of resolutions will automatically output gyroscope data;
- 5, Put the `Lite_config` document is displayed in the root directory of the card to facilitate setting camera parameters with the TF card
- 6, If the card is inserted and there is no video recording, it will beep twice every 6 seconds to prompt the user to start the video recording before taking off!
- 7, Add the function of USB port external parameter adjustment AV board; Subsequently, firefly cam will launch a parameter adjustment AV board, which can connect FPV glasses for intuitive viewfinder and parameter adjustment.
- 8, By default, the dual file function is enabled. When recording, two videos with the same content will be generated, A and B. the B video file is very small, which is used to watch on the Firefly app to increase the video playback fluency.

Appendix: setting camera parameters with TF Card

1. Double click to open **Lite_Config** under the root directory of the TF card to set parameters;



```
lite_config - 记事本
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
Type=FIREFLY X
Version=2021-10-09
Update=N
DCORR=0
GYRO=0
AE=1
AWB=0
SCM=0
COLOR=0
EV=0
SHRP=1
ISO=11
STT=0
VRES=10
VQAL=0
VSTP=0
APO=0
VOS=0
FOV=0
AREC=0
MICM=4
DUALF=1
WDRE=1
DT=2021-10-9 15:15:54
CONFIG END
-----
DCORR (Distortion Correct) : 0 ~ 1
                        (0)OFF (1)ON
GYRO (GYRO 4.0) : 0 ~ 1
                        (0)OFF (1)ON
```

When the parameters are set, update = **N** is changed to **Y**, and then the document is saved. After the camera is turned on, these parameters will be automatically written into the camera;

Below the dotted line is the description of the parameter