***ZINO Firmware Updates***

***ZINO firmware files***

ZINO -FC-V.1.1.52(firmware for flight control board)

ZINO\_G-V3.0.2.2(firmware for gimbal )

ZINO­\_IT-V0.3.6(firmware for camera board )

HT016B­\_RP\_V0.1.6(firmware for the transmitter )

***CHANGE LOG(for the drone ):***

1. Optimized the drone’s behavior for losing altitude when forwarding

2. Added the function to set height for RTH in the APP

3. Added the function to set Gimbal Pitch speed in the APP

4. Modified the RTH feature for lost control and allowed it to RTH after losing control in Auto-land mode   
5. Optimized the video quality  
6. Improved the stability in hovering and flight  
**7. Optimized the drone’s behavior for losing altitude in Auto Take- Off mode  
8.Modified the RTH feature that allow the drone to RTH when the WiFi disconnects or the transmitter disconnects.**

***CHANGE LOG(for the controller ):***

1. Added the function to set Image Transmission
2. Added the function that enables the controller to control the drone after the WiFi disconnects
3. **Added the function that enables the throttle stick to control the drone during RTH and Auto land**

***Upgrading notice :***

Please keep in mind that all the firmwares should be upgraded at the same time, please do not upgrade them separately. Please do the horizontal calibration and compass calibration after update firmware  
**NOTE:Please update the FC1.1.52 firmware then to do the AI Precision Landing**

Tips for upgrading the camera firmware:

1. Please prepare a blank SD card and format it to FAT 32 before you upgrade the camera firmware
2. Format the SD card again after upgrading, before you start the recording function
3. Do not power off the drone during the firmware upgrade

Tips for upgrading the controller :

1. Please watch the upgrading tutorial video carefully before you the upgrade and prepare a tweezer or a similar tool
2. Please keep in mind that the two pins pointed out in the tutorial video for the controller should be connected to each other, otherwise the upgrading can not be done
3. Release the pins after the upgrade is complete
4. If you still don’t understand how to upgrade the firmware after watching the tutorial video, we have included a upgrading instructions in writing (included in the firmware file package)

Please ensure that the APP version is up to date as well

Android :V1.6.6

IOS:V3.7.1

***Upgrading tutorial video:***

**How to upgrade the firmware of the drone :<https://www.youtube.com/watch?v=arwy1iGjaPY&t=5s>**

**How to upgrade the firmware of the transmitter : https://youtu.be/VWqgd9Q4NyM**

**If you need any further information, please contact service@hubsan.com**