Manuals+ — User Manuals Simplified.

AEE DRONES AP11 Drone Camera Quadcopter

AEE DRONES AP11 Drone Camera Quadcopter User Guide

Contents

AEE DRONES AP11 Drone Camera Quadcopter

Product Information

Specifications

- Antenna
- Wi-Fi Repeater
- Smartphone Holder
- Hook open/close button
- Speed control switch S1
- Return button
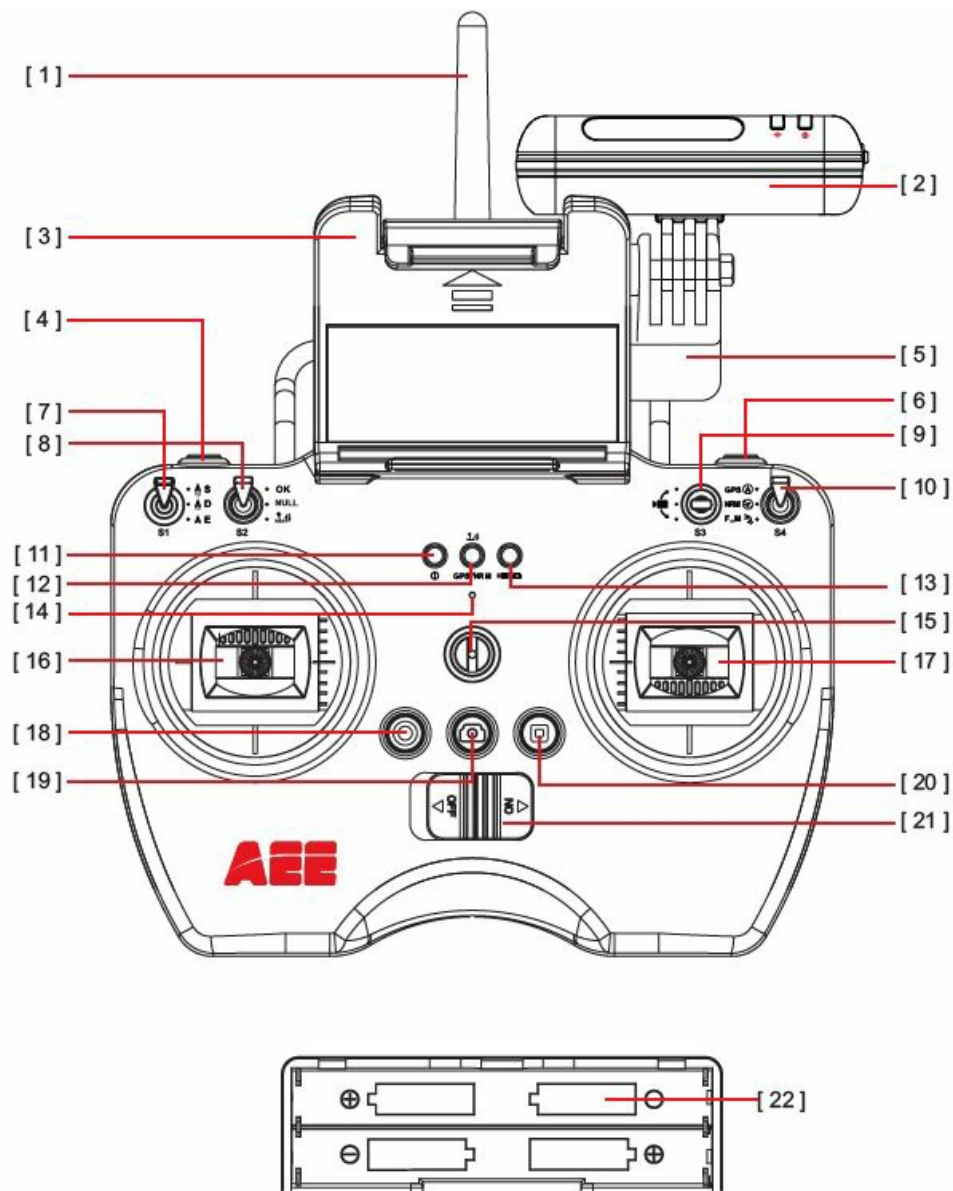- Calibration switch S2
- Angle control switch S3

FAQ

- **Q:** How do I connect my mobile device to the quadcopter's Wi-Fi network?
- **A:** Follow these steps to connect your mobile device to the quadcopter's Wi-Fi network:
    1. Turn on the quadcopter and wait for it to start searching for satellites.
    2. On your mobile device, go to Wi-Fi settings and select the quadcopter's network.
    3. Enter the password AEE12345 to join the network.
    4. Run the AEE AP App on your mobile device.

Disclaimer

Please read this disclaimer carefully before using the product of Quadcopter. This product is not suitable for people under the age of 18. By using this product, you hereby agree to this disclaimer and signify that you have read them fully. You agree that you are responsible for your own conduct and content while using this product, and for any consequences there of. You agree to use this product only for purposes that are proper and in accordance with the terms and any applicable or guidelines AEE may make available.

1. Shenzhen AEE Technology Co., Ltd. reserves the right of final interpretation of this disclaimer.
2. Any part of this disclaimer is subject to change without prior notice.
3. This disclaimer is available in multiple languages. In case of any discrepancy, the Chinese version shall prevail.
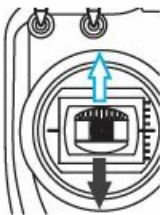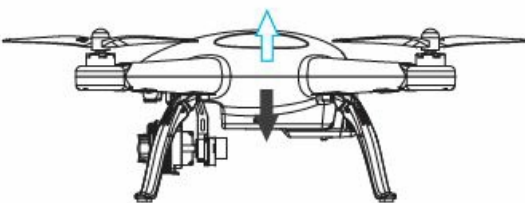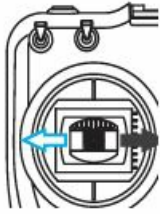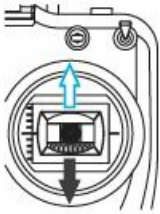
Overview Instructions

1. Antenna
2. Wi-Fi Repeater
3. Smartphone Holder
4. Hook open/close button
5. Speed control switch S1
6. Return button
7. Speed control switch S1
8. Calibration switch S2
9. Angle control switch S3
10. Flight mode switch S4
11. Remote Control Power Indicator
12. Status Indicator
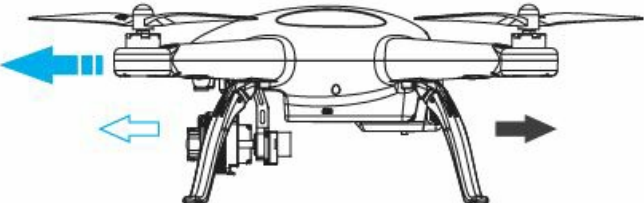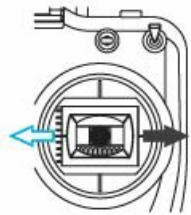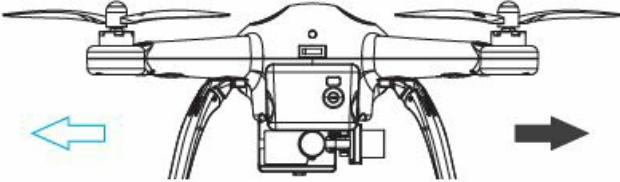13. Photo Shooting & Video Recording Indicator
14. Buzzer hole
15. Strap Hole
16. Left Joystick
17. Right Joystick

18. Airborne Video Recording Button

19. Airborne Shutter Button

20. Video Stop Button

21. Remote Control Power Switch

22. Battery Compartment

Operating Instructions

Remote control (U.S. Mode)	Quadcopter Direction(" ⬅ " indicates nose direction)
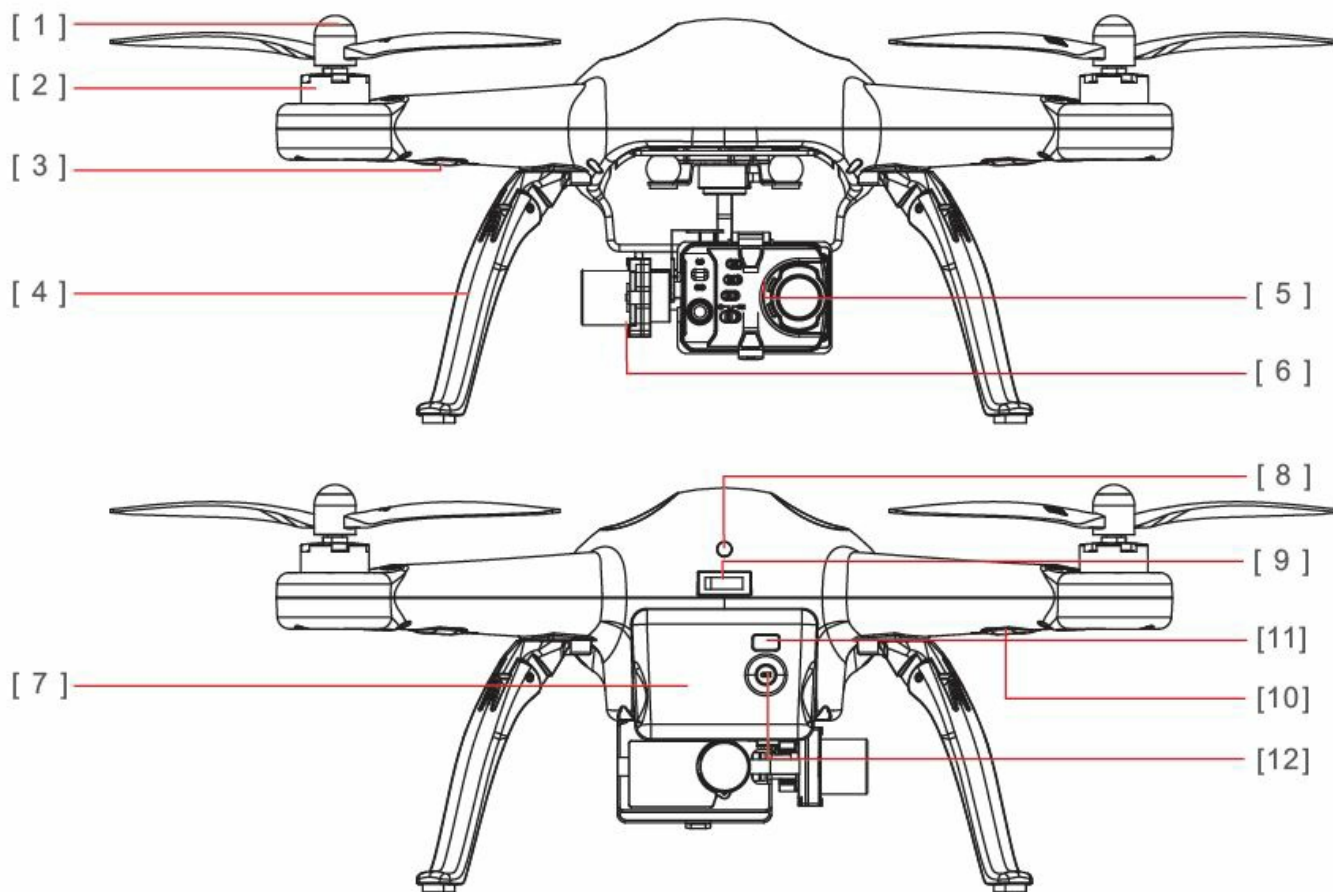
1. Propeller
2. Motor
3. Front Indicator
4. Landing Gear
5. Camera
6. 3-Axials Gimbal
7. Quadcopter Battery
8. Tail Indicator
9. Power Switch
10. Rear Indicator
11. Battery Level LCD Segment Display
12. Battery Level Check Button
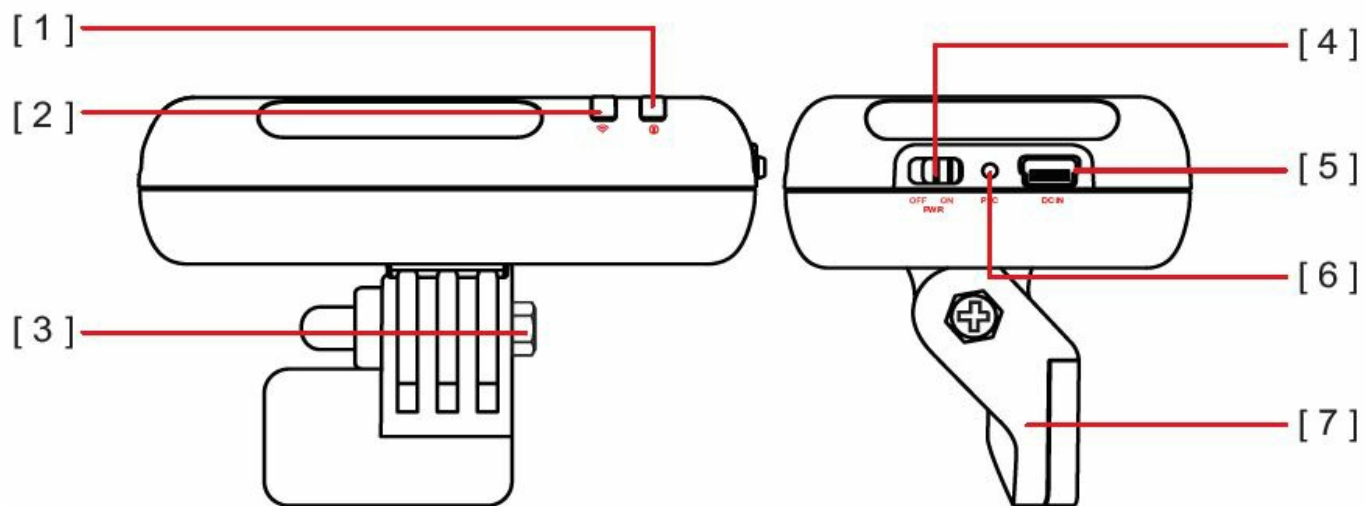
1. Power Indicator

2. WiFi Indicator

3. Lock Screw

4. Power Switch

5. Charging Port

6. Pairing Button

7. Repeater Base

Operating Instructions

Download AEE App (iOS / Android)

Remove the Buckle and Install the Camera:

Diagram of installation of PTZ USB cable
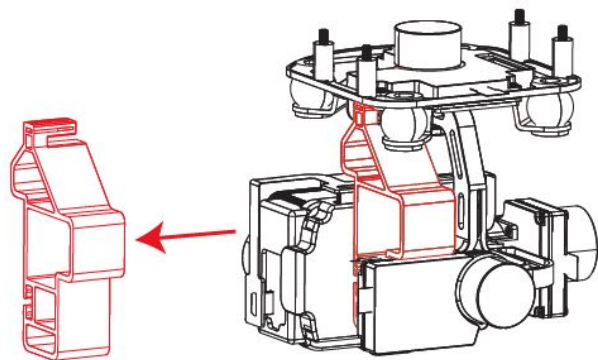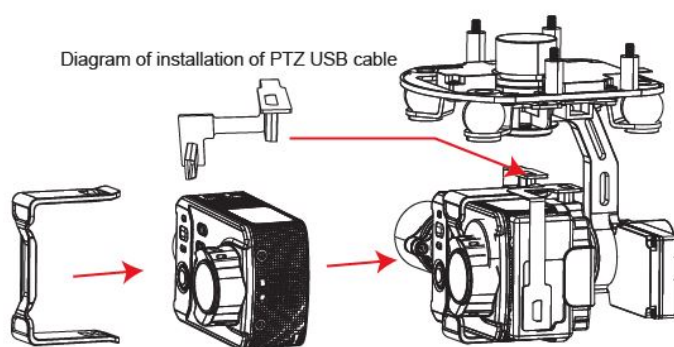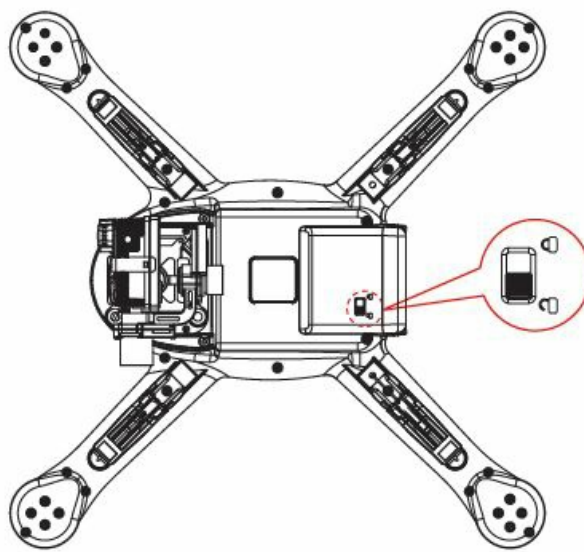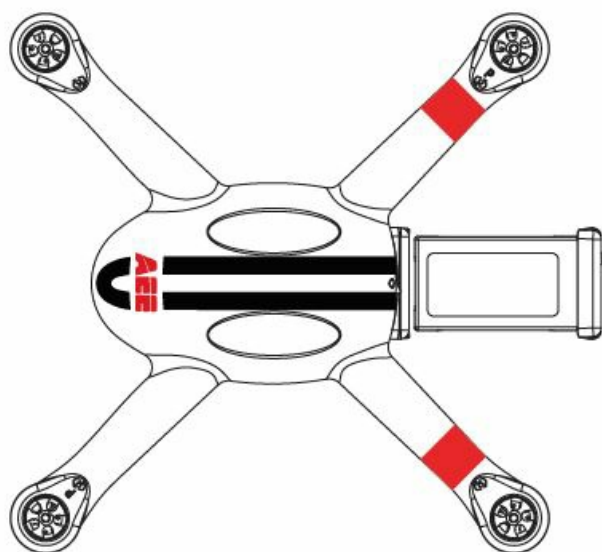
Fig. A   Fig. B

1. Pull out the buckle of the gimbal in the direction shown in Fig. A:
2. Install the camera onto the aircraft and fix the clip to the camera reliably as shown in Fig. B to prevent the camera coming off.

Preparing the Remote control

Assembling Quadcopter Battery

1. Load battery into battery compartment in the correct direction.
    - Push the battery into the battery compartment in the right direction
2. Ensure that the battery has been completely pushed in. After the battery is completely pushed in, a"click" sound will be heard, indicating that the battery has been fastened. If the battery lock is not tightly locked, poor contact of power supply may be caused, which will affect the flight safety or result in take-off failure.

Important

- Pressing the Battery Level Check button to check the battery level. Please fully charge the battery if it is less than two bars showed on the Segment Display.

Power on Quadcopter

- Slide the power switch to "ON" to power on Quadcopter.

Note

- The general indicator instructions are showed in the following table. Please refer to the user manual for more details.

Note

- The Remote Control will be started fully when the Photo Shooting & Video Recording Indicator turns on.

Compass Calibration

Compass calibration is required before first time use otherwise the system may not work properly, affecting flight safety. The compass is sensitive to electromagnetic interference from other electronic devices, which can cause abnormal compass data leading to poor flight performance or even flight failure. Regular calibration is required for optimum performance.

- **Attention:** Do not calibrate the compass in environments with a strong magnetic field (such as near power lines or radio towers); Do not carry ferromagnetic materials when calibrating the compass,such as keys and cell phones etc.)

Note

- Calibration can begin until the Remote control and Quadcopter start up completely(powered on for about 20 seconds).

1	2	3
After the aircraft is normally powered on, turn the S4 switch between positions 1 and 3 for more than 5 times. The quadcopter will enter calibraion standby mode(the tail light blinks fast).	Toggle the joysticks to the position as in the follow figure, Front indicator (green) starts blinking, Then release the joysticks. Compass calibration command has been sent successfully.	Rotate Quadcopter 360° horizontally (2 turns)

4	5
Rotate Quadcopter 360° vertically 2 turns (Nose down)	Rotate Quadcopter vertically (Nose leftward) until green lights off, Put Quadcopter on the ground. Green lights up normally after light off→ calibration successful; Green lights blink fast after light off→calibration failed →Recalibrate

**Switching on the Repeater**

Important

- Wi-Fi Repeater power is running out or is charging when the red light blinks. If the power is low , please charge it as soon as possible.

Connecting the Camera

1. First, turn on the repeater and camera, and enable the Wi-Fi function of the camera. (DO NOT turn on the aircraft before the Wi-Fi function of the camera is enabled).
2. Wait for about 25s until the blue Wi-Fi indicator light on the camera blinks.
    - When the blue Wi-Fi indicator light on the repeater starts blinking slowly (off for 3S and on for 0.3S), enable the Wi-Fi function of the mobile device. In order to ensure signal strength, please place the mobile device as close as possible to the repeater. Select "AEE_AP ******" in the Wi-Fi list, and enter the password "AEE12345" to join the network.
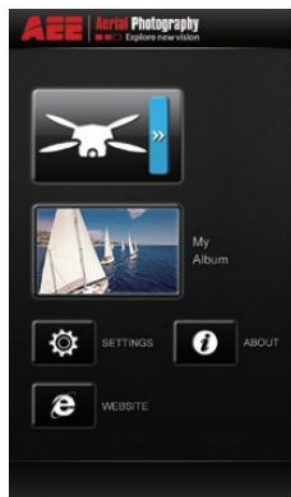
Wi-Fi network   Connect Interface   Preview Interface

3. Run the AEE AP App on your mobile device. The App interface appears on the mobile device as shown in the figure below.

Touch " " to establish connection between the mobile device and camera. After connecting, the App will navigate to the App Preview interface.

If you can see real-time camera preview on screen, the mobile device has successfully connected with the camera.

Taking off and Landing(Outdoors)

Taking off:

1. Place Quadcopter (with full power battery) on a flat and open ground, and ensure Tail Indicator faces toward you.

2. Turn on the remote control, repeater and camera and enable the Wi-Fi function of the camera in sequence; last, turn on the aircraft (Do Not turn on the aircraft before the Wi-Fi function of the camera is enabled);

General Operating Order List							
Unit	Duration						
Camera	20s						
Repeater	22s	→	Power on	→	Run the APP	→	Take off
Remote Control	10s						

3. Be sure the Remote control is set exactly as the figure below.
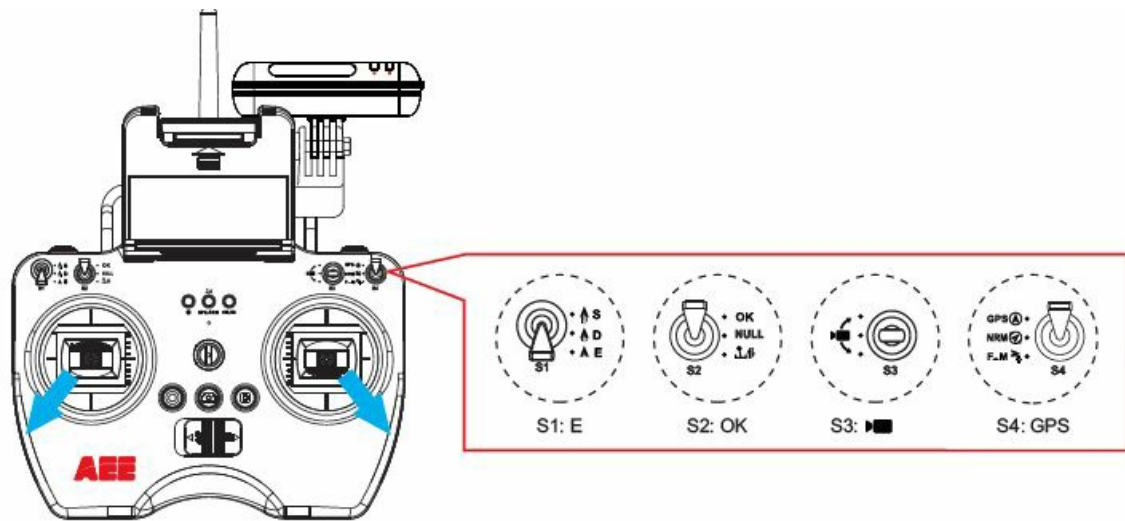
4. Starting motors: toggle the left joystick to left bottom corner and toggle right joystick to right bottom corner at the mean time to start motors. Once the motors start please release the joysticks immediately.

5. Push the left joystick slowly, then Quadcopter take off. Please refer AEE Quadcopter User Manual for more details.

Note

The motors can not be started until GPS signal is ready (Tail Indicator (green) remains on).

1. Upon startup, the airborne camera and the repeater will pair with each other. Please wait for about 30S to ensure that pairing is completed, so that the airborne camera can record videos normally.

2. After the aircraft is powered on, the aircraft and the PTZ will start self-test. Do not shake the aircraft or the PTZ at this moment; otherwise, the aircraft and the PTZ will fail the self-test. (The PTZ can be used only when the camera is installed; otherwise the PTZ may be damaged)

3. Before installing the camera onto the aircraft, it is suggested that the auto standby function of the camera should be disabled.

4. When the aircraft complete searching for GPS satellites, the tail light (green) will remain on. During flight, please do not turn the joysticks of the remote control to a lower toe-out pattern, which will stop the motors.

Landing

1. Slowly pull the left joystick to lower Quadcopter until it touches the ground(only on flat and open ground).

2. After landing, pull the left joystick to the lowest position and hold for more than 3 seconds until the motors stop.

3. Power off Quadcopter by sliding the switch to OFF.

4. Remove the battery.

5. Power off Remote control and Wi-Fi Repeater.

Important:

1. Control the flight height under your control during your first flight.

2. Do not stop the motors during flight, or it will cause the Quadcopter to drop without control.

AEE TECHNOLOGY GMBH

- **europeservice@aee.com**
- **www.aee.com**

Zeppelinstraße 4, 85399 Hallbergmoos, Germany
Copyright 2015 AEE Technology GmbH. All rights reserved.

Documents / Resources

	AEE DRONES AP11 Drone Camera Quadcopter [pdf] User Guide AP11 Drone Camera Quadcopter, AP11, Drone Camera Quadcopter, Camera Quadcopter, Quadcopter

References

- ⓗ **Manual-Hub.com - Free PDF manuals!**
- ⓗ **Manual-Hub.com - Free PDF manuals!**
- **User Manual**