

SEEKER

Complete User Guide

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Please read this section carefully before using your Kaiser Baas Seeker Drone.

By operating this product, you hereby agree to these disclaimers and you have read and understood the warnings and conditions fully.

This product is not suitable for people under the age of 14. Always observe the safe flying instructions within this User Guide, as well as the guidelines and regulations of your local aviation authorities.

Above all, maintain a safe distance from people and property when operating your Seeker Drone – a safe distance of 10m is recommended.

Kaiser Baas accepts no liability for damage(s) or injuries incurred directly or indirectly from the use of this product, including but not limited to the following conditions:

- Failure to follow the full instructions and cautions in the User Guide, pertaining to correct assembly and safe operation.

- Damage(s) or injuries caused by erratic operation or poor piloting decisions.
- Damage(s) or injuries caused by mechanical failures as a result of neglect, including the erosion and aging of product components.
- Damage(s) or injuries caused by the Drone being flown in the following conditions:
- Unfavourable lighting; where the Pilot's ability to see the Drone clearly is diminished.
- Inclement weather; moderate to high winds, rain, snow or hail.
- Flying near electrical hazards, such as power lines or towers.
- Flying in or near fire, floods, tsunamis, ice, avalanche, landslide, earthquake, etc.
- Damage(s) or injuries incurred due to users under the influence of drugs or alcohol, suffering dizziness, fatigue, nausea and any other condition; physical or mental

that could impair the Pilot's ability to fly responsibly and within the boundaries of the law.

- Damage(s) or injuries caused by malfunctions or “hacks”, refits or the replacement of original components with non-Kaiser Baas provided accessories and/or parts.
- Damage(s) or injuries caused by the misuse or incorrect operation of the battery, protection circuits, Remote Control Transmitter or Battery Charger.
- Damage(s) or injuries caused by flying the Drone in abnormal conditions and allowing external substances to come into contact with the Drone e.g. water, oil, soil, sand or any other material that could enter the Drone and its internal compartments, including the battery.
- Damage(s) or injuries caused by flying in areas such as those with: magnetic interference, radio interference, government regulated no-fly zones or airports.
- Any other losses that are not covered by the scope of Kaiser Baas liability.
- Kaiser Baas reserves the right to make changes to this User Guide if required. Please check the Kaiser Baas website for the most up to date version of this guide: www.kaiserbaas.com/support.

The information within this manual is subject to change without notice.

Operating Guidelines

Always observe the following guidelines:

Do not fly the drone within 10m of people anywhere. Consider your personal liability when you choose to operate your drone.

Do not attempt to handle or catch the drone while it is in operation.

Do not attempt to handle the drone while the rotor blades are still spinning.

Do not allow others to approach the drone while it is in operation and the rotor blades are in motion.

Always make sure that you have completely “disarmed” the drone before handling.

Always maintain visual line-of-sight (vlos) with the drone. Always fly between official sunrise and official sunset, local time.

Never engage in careless or reckless manoeuvres. Consider the impact reckless behaviour might have on other drone enthusiasts and future pilots. Never operate

your drone when intoxicated or when you are incapacitated in any other way. Always follow your local aviation authority's guidelines.

Battery Guide

It is imperative that only a Kaiser Baas Seeker Drone battery is used inside the Seeker drone. Do not use any third-party or unknown accessories or batteries. Always ensure your drone battery is charged before flight.

Battery Safety Warnings

Do not disassemble the battery.

Do not short-circuit the battery.

Do not ever poke or puncture the battery with any blunt or sharp instrument.

DO NOT ever poke or puncture the battery with any blunt or sharp implement [WARNING] There is a high risk of it igniting!

Do not ever leave the battery near an open flame or heat source.

Do not immerse the battery in water. Do not charge the battery in direct sunlight.

Never leave a charging battery unattended.

Only remove the battery from its supplied charger when the charging cycle is complete.

Do not reverse charge or over-charge the battery.

Always charge the battery in a designated space, away from people and animals.

If the battery becomes bloated or appears to be inflated discard the battery immediately.

Instructions to discard a bloated battery: Place the bloated battery in a bucket filled with salt water (200 grams salt to 1-litre water) and leave the battery in the solution for three days. You may now dispose of the battery through your local recycling centre. Never use your battery after conducting the discard process.

If the battery has a high surface temperature, leave it to cool before you try to re-charge it.

Always ensure the battery is free from all damage and deformation before use.

If you see any sign of smoke coming from the drone or battery area - stop operating immediately – when safe, disconnect and remove the drone battery.

Do not use the battery with unspecified equipment.

Do not touch a leaking battery directly. Never let battery contents touch your skin or clothing. If contact occurs, seek medical advice immediately.

Do not throw or cause any trauma to the battery.

Do not put the battery in a microwave or high pressure container.

Do not charge the battery if the ambient temperature is below 0°C or above 45°C.

Always use the supplied charger and observe charging requirements.

Always store the battery in a safe and cool place and never store the battery fully charged.

Pre-Flight Checklist

- Do a complete check of your surroundings; look for hazards above, in front and behind you.
- Be especially aware of things like power lines and nearby people and animals. If these hazards exist, do not deploy your drone and consider a new take-off location.
- Do not fly in inclement weather or moderate to high winds.
- Do not fly in populated areas as unforeseen flight hazards may occur.
- Remember you are the pilot. Safety is your responsibility.
- Do not fly near airports/controlled airspace. Ensure that you are at least 5.5Kms from any airfield and you are adhering to any regulations and laws laid out by your local aviation authority.

- Remember checking your distance to these areas is your responsibility
- Never fly your drone near large crowds or above unwilling spectators.
- Make sure that you have the full permission of people within flying range of your Seeker drone and do not fly your drone where people have not given permission or have requested that you not fly.
- Ensure the drone is orientated in the desired direction.

It is the responsibility of the Pilot to properly research and familiarise themselves with the regulations surrounding the flying of their UAV. This list serves as a guide only:

- Australia: casa.gov.au
- New Zealand: caa.govt.nz
- UK: caa.co.uk/home
- Ireland: iaa.ie

The Seeker Drone makes the perfect travel companion for capturing all your adventures in HD. The compact, foldable design allows you to take your Drone everywhere with you so you never miss a moment. The Voice Activation and Gyro Mode make flying easier than ever before.

If you are new to flying drones, you can expect to be up and flying in a short time. Of course, you need to familiarize yourself with the safety, operating and controls of the Seeker Drone first! Give yourself time to become accustomed to the feel of the Drone and effect of the controls.

The Seeker Drone can be used with its camera or Remote Control Transmitter in the following configurations.

- Drone and Remote Control Transmitter (No FPV)
- Drone, FPV App and Remote Control Transmitter
- Drone, FPV App and Smartphone Control

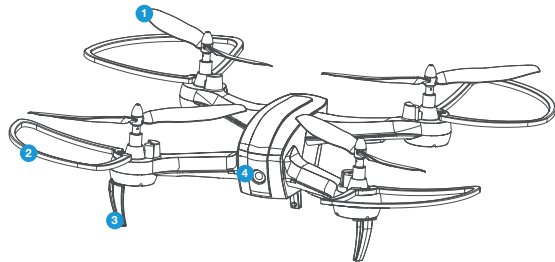
For reference on how to use the FPV (First Person View) and Smartphone Control Modes please refer to the WiFi App Operation section of this user guide.

Key Features

- Voice Activated
- Gyro Mode
- Live FPV/VR
- Auto Hover
- Headless Mode
- Auto Take-off/Landing
- 1 Key Return
- WiFi

PRODUCT DIAGRAM

07 - ENG



1. Rotor Blades

STABILISE THE DRONE

2. Rotor Blade Guards

PROTECT ROTOR BLADES

3. Landing Feet

STABLE LANDING & TAKE-OFF

4. 720P Camera Module

VIDEO & PHOTO CAPTURE

5. Power ON / OFF

CLICK FOR 1 SECOND

6. Indication Lights

BLINK RED / GREEN

7. Battery

PRESS & PUSH TO OPEN

8. MicroSD Card

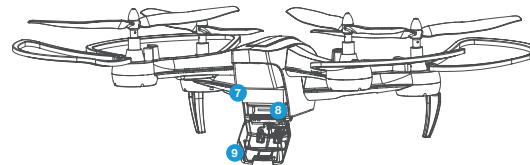
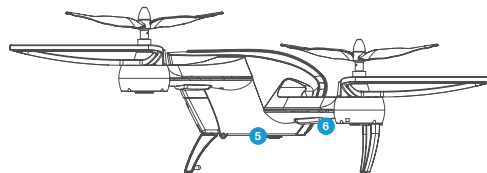
VIDEO & PHOTO STORAGE

9. Battery Latch

PULL LANDING FOOT TO OPEN

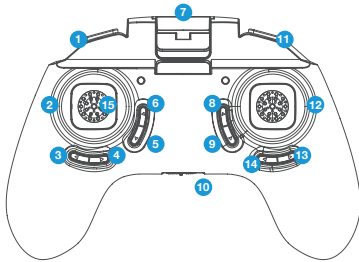
PRODUCT DIAGRAM

08 - ENG



CONTROLLER DIAGRAM

09 - ENG



1. Take Off & Landing

BEGIN / END FLIGHT

2. Throttle Control

INCREASE / DECREASE THRUST

3. Trim Left

ADJUST ROTATION LEVELS

4. Trim Right

ADJUST ROTATION LEVELS

5. One Key Return

RETURN TO ORIGIN

6. Headless Mode

PRESS TO ACTIVATE

7. Smartphone Holder

PULL TO USE

8. Trim Forward

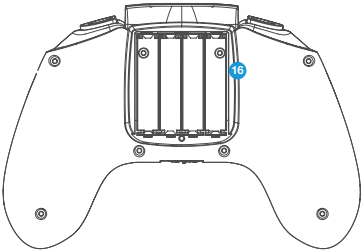
ADJUST ELEVATION LEVELS

9. Trim Backward

ADJUST ELEVATION LEVELS

CONTROLLER DIAGRAM

10 - ENG



10. Power

SEEKER RC ON / OFF

11. Video & Photo

SHORT PRESS - PHOTO

LONG PRESS - VIDEO

12. Directional Controls

ADJUST DRONE DIRECTION

13. Roll Trim Right

ADJUST ROLL LEVELS

14. Roll Trim Left

ADJUST ROLL LEVELS

15. Speed Adjustment

ACTIVATE SPEED MODES

16. Battery

SLIDE LATCH TO OPEN

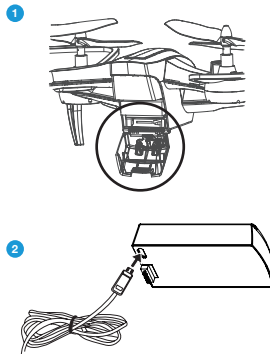
To charge the Drone Battery

1. Pull the battery cover and remove the battery from the Drone by sliding it out of the Drone battery compartment.
2. Connect the USB wall charger (not included) to the Micro USB charging port on the battery using the supplied charging cable.
3. The USB Charging Cable features a red LED indicator light that will turn off when charging is complete. While it is charging the light will be ON.
4. A full charge cycle will take approximately 90 minutes by 1A charger adapter as the battery capacity is 600 mAh.

Low Battery

The Drone LED Lights will flash when the drone is in Low Power Mode.

When the LEDs are flashing you should bring the Drone to a complete stop. Failure to land the Drone when the Low Battery signal starts flashing may cause a sudden loss of power endangering persons, property and the Drone.



Ensure the Drone is OFF prior to installation of modules.

Rotor Blades Assembly

It is important that only Kaiser Baas Seeker Drone Rotor Blades are fitted to the Seeker Drone. Never use any third-party accessories or tools.

Your Drone will come ready to fly with Rotor Blades attached. If you need to replace them, please refer to the following guide:

Disassembly

Use the provided screwdriver to untighten the screw in an anti-clockwise direction.

Remove the Rotor Blade by pulling up and off the motor axis bar.

Assembly

Insert the Rotor Blade onto the motor axis bar.

Only install the Rotor Blades to the corresponding clockwise/anti-clockwise motor. A letter is marked on each blade to indicate which motor it should go on.

Incorrect installation will cause severe instability. Refer to the diagram.

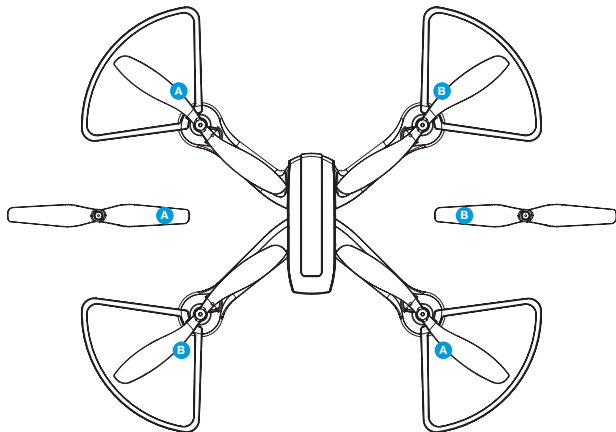
Use the provided screwdriver to tighten the screws in a clockwise direction.

[WARNING] Never use Rotor Blades with any signs of damage or wear and tear. This includes chips, scratches and cracks. Damaged Rotor Blades can cause the Drone to fail in-flight and may result in damage to persons or property.

[WARNING] Never touch the Drone or the Rotor Blades when the motors are spinning.

Rotor Guard

It is highly recommended to install the rotor blade guards before using the drone to ensure safety.



Pairing & Calibration

To operate your Drone, you must first pair the Drone to your Remote Control Transmitter before every flight. Ensure your Drone and Remote Control Transmitter are fully charged and follow these steps in order:

1. Turn on your Drone by holding the power button for 2 seconds.
2. The Drone lights will flash indicating it is ready to pair to a Remote Control.
3. Turn on the Remote Controller. You will see the red light on the Remote Control flashing.
4. Using the Left Throttle/Yaw Stick move it to the maximum UP position and then to down position.
5. You will hear two beeps from the Remote Controller and the Drone LED lights will stop flashing indicating the Drone is now paired to the Remote Controller.

Before every flight it is important to calibrate your Drone.

Calibration ensures the Gyroscopes are reset and the Drone's Direction/Heading is fixed. Always calibrate with the Drone and the Pilot facing the same direction.

To Calibrate; Place the Drone on level ground, pull the left and right joystick to the bottom right corner. The lights at the bottom of the drone will flash and complete the calibration.



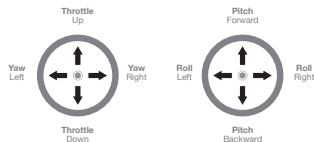
When operating the Drone, it is important for new Pilots to ensure that the Drone's heading is facing away from you. The Remote Control Remote Controller has two control sticks, left stick (Throttle/Yaw) and right stick (Pitch/Roll).

Left Stick

This controls the Drone's Throttle (Up/Down) and Yaw (Left/Right).

Right Stick

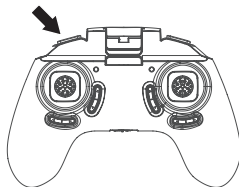
This controls the Drone's Pitch (Forwards/Backwards) and Roll (Left/Right) movement.



To Take-Off

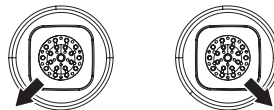
To Take-Off you must first bind the Drone to your Remote Controller. Refer to the Drone/ Remote Controller Binding Section.

Once the drone is paired with the controller, Press the Take-Off/Landing Button to arm the Drone.



- Press once to arm
- Press again for take-off

You can also arm the drone by simultaneously pulling the left joystick to bottom left corner and right joystick to bottom right corner.

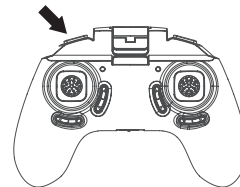


The Rotor Blades will start to spin indicating it is ready to fly. Press the Take-Off/Landing once again or push the Throttle/Yaw Left Stick slightly UP to fly.

The Seeker Drone features Auto-Hover, releasing the Throttle/Yaw stick will keep the drone at the same altitude. Pushing the Throttle/Yaw Left Stick UP or DOWN will ascend or descend the Drone.

To Land

Whilst the Drone is in flight press the Take-Off/Landing button. The Drone will then descend to the same altitude/level from which you armed it.



The Drone features a number of Flight Modes and settings.

Speed Modes

There are 3 Speed modes on the Seeker Drone. They can be cycled through on the Remote Control Transmitter by pressing the Speed Mode Button. Each mode is indicated by an increasing series of beeps.

Mode 1-Beginner Mode

This is the default operating mode that the Seeker Drone initializes in. Please ensure that you use this mode in a large open space with no obstacles.

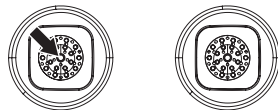
The sensitivity is very low and is suitable for beginner pilots. It is less responsive and more forgiving.

Mode 2-Intermediate Mode

To enable this mode, press the Speed Mode Button ONCE. The Remote Control Transmitter will beep twice indicating you are in Intermediate Mode. This mode is more responsive and flies faster.

Mode 3-Pro Mode

To enable this mode, press the Speed Mode Button TWICE. The Remote Control Transmitter will beep three times indicating you are in Pro Mode. This is the most responsive and fastest mode the Drone can operate in. This is only recommended for pilots with experience flying the Drone.



Press to activate
Speed Modes

Headless Mode

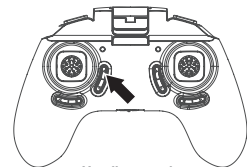
Headless Mode allows you to control the Drone relative to its direction from the take-off location. This means you can fly the drone without worrying which direction it is facing.

Before you use Headless Mode, ensure the Drone's Direction/Heading is facing away from the pilot/operator.

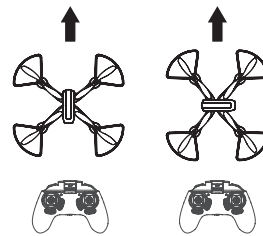
To enable Headless Mode, simply press the Headless Mode Button on the Remote Controller as indicated in the diagram. You will hear a short beep and the drone light will start flashing.

To avoid confusion, you should ensure the controls are correct from take-off. Headless Mode can be turned on while in flight.

You should arm the Drone while you are standing behind it, so that you and Drone are both facing in the same direction. Failure to do this will result in incorrect control.



Headless mode
(Short press)



Normal mode

Headless mode

Return Mode

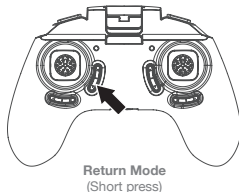
Return Mode is a simple function that puts the Seeker Drone into reverse. It can be useful when flying in headless mode and you cannot determine the Drones orientation for it to return. Warning: This mode does not use GPS or have any position data.

To enable Return Mode

Fly the Drone in front of you, ensuring the path to you is free of obstacles and persons.

Press the return button on the Remote Controller as indicated in the diagram. You will hear multiple beeps beep and the drone light will start flashing.

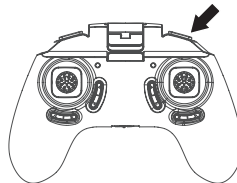
The Drone will fly backwards towards you. Always keep control of the Drones altitude and speed using the Left Throttle/ Yaw Stick. When it has reached your position or you want to stop simply move the Pitch / Roll Right Stick Forward to cancel Return Mode.



To capture the video with the remote controller during the flight:

1. Insert the SD card (Not included) into the drone.
2. Video - Press and hold the Capture button on the remote control
3. Photo - Press the Capture button once.
4. Lights on the drone will start flashing when recording starts.

Photo (Short Press)
Video (Long Press)



Trimming

Control of the Drone can be trimmed using the trim buttons on the Remote Controller. If the Drone is drifting off during a hover or other flight maneuver, these buttons are used to counter this drift.

Use the trimming button on the controller for trimming.

To reset all trimming, simply land the Drone and recalibrate by pulling the left and right joystick to the bottom right corner. The lights at the bottom of the drone will flash and complete the calibration.



Install the KB SEEKER App

Download and install the KB SEEKER app on your Smartphone.

The Seeker Drone features WiFi and can record video, take photos and be controlled using the KB SEEKER App.

How to connect

1. Turn on the Drone. The indication lights at the bottom of the drone will start to blink
2. Open your phone and go into the Wi-Fi settings, turn the Wi-Fi on if it is off.
3. Wait for few seconds and select KB Seeker once it appears on the list.
4. Once connected open the KB Seeker App on your phone.
5. Click on the Ready to Fly tab to control your drone.

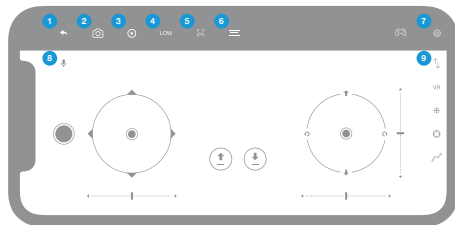
Operation

The Seeker Drone has a feature that lets you control the Drone exclusively via the APP. We recommend beginner pilots learn to use the remote Remote Controller before attempting to control the Drone through the App.

To pilot the Drone without the Remote Controller, we suggest you learn the keys and functions.

APP DIAGRAM

23 - ENG



1. Return

RETURN TO HOME SCREEN

2. Photo

PHOTO CAPTURE MODE

3. Playback

VIEW PHOTO / VIDEO

4. Speed

DRONE SPEED LEVELS

5. Gravity Sensor

GYRO MODE OPERATION

6. Altitude Hold

AUTO HOVER

7. Settings

CUSTOMIZE APP SETTINGS

8. Microphone

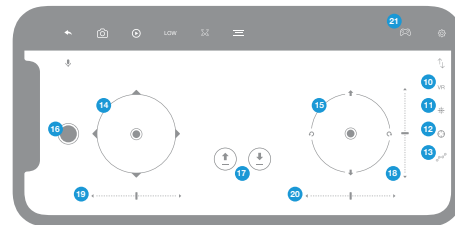
VOICE COMMAND OPERATION

9. Inverse

FLIP CAMERA ON / OFF

APP DIAGRAM

24 - ENG



10. VR Mode

FIRST PERSON VIEW MODE

11. Headless Mode

ACTIVATE ON / OFF

12. Gyro Calibration

RESET GYRO ORIENTATION

13. Track Mode

FOLLOW YOUR DRAWN PATH

14. Throttle Control

INCREASE / DECREASE THRUST

15. Directional Control

FLIGHT MANOUVERING

16. Video Record

START / STOP RECORD

17. Take Off & Landing

BEGIN / END FLIGHT

18. Forward / Back Trim

ADJUST ELEVATION LEVELS

19. Rotation Fine-Tune

ADJUST ROTATION LEVELS

20. Roll Fine-Tune

ADJUST ROLL LEVELS

21. Control ON / OFF

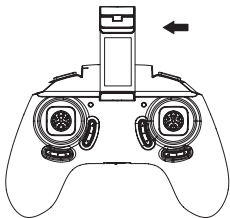
TURN ON / OFF APP CONTROLS

Using the Remote Controller & Smartphone simultaneously

You can use the smartphone for live FPV when you control the drone with the remote controller.

Follow the below steps to operate this way;

Attach the Smartphone to the phone holder and mount it to the remote controller.



1. Turn on the Seeker Drone.
2. Bind the Remote-Control and the Drone first.
3. Pair the Smartphone with the Drone. Please see pairing instruction above.
4. Once connected open the Kaiser Baas Seeker Drone App.
5. Click on the Start Flight tab to see the live FPV of your Drone.

Note: When you are on combo mode, you can only operate the drone using the remote control. Videos/Photos will be saved to smartphone by default unless you turn the app controls off on the KB Seeker interface. If the SD card is not inserted when the drone is connected to smartphone, files will be saved to the smartphone by default.

The Drone LED lights are flashing. What does this mean?

- The Drone has insufficient battery power. Please charge the Drone battery.
- The Drone is not paired with a Remote Control Transmitter. Refer to the Drone Setup/Installation section.

The Drone's Rotor Blades spin but the Drone does not take-off?

Insufficient Battery Power. If the Drone LEDs are flashing and the Drone Rotor blades are spinning without any lift, recharge the Drone battery. The Rotor Blades are distorted. Replace them with only official Kaiser Baas replacement blades.

Why is the Drone is shaking and not stable in flight?

Please check to ensure the Rotor Blades are not damaged. Check that all the motors are spinning.

The Drone is out of control and is difficult to fly. How can I make it easier?

Prior to every flight we recommend you calibrate the Drone. To calibrate push the Left Throttle/Yaw Stick and the Right Pitch/Roll Stick to the bottom left and hold for 2 seconds until you see the LED indicator lights on the drone start to flash rapidly. The Drone LEDs will stop flashing when calibration is complete.

Drone goes out of control and crashes

We would suggest you do recalibration and then place the drone on leveled floor for 10 seconds.

Dimension	28.5*30.3*11.5CM	Support
Weight	140g	Having trouble with your Drone?
Max Speed	15 km/hour	
Battery	3.7V 600mAh Li-po	Don't worry, our friendly support team can help. Please visit us at:
Flying time	8 minutes	www.kaiserbaas.com/support
Charging time	2 hours	Or send us an email at:
Charging port	Micro USB	helpdesk@kaiserbaas.com
Camera Resolution	720P	
Storage	Micro SD/ Smartphone	
WiFi Range	30m	
Operating Frequency	2.4 Ghz	

KAISER BAAS