

SJRC SJRC F11S

SJRC F11S 4K PRO Drone User Manual

Model: SJRC F11S | Brand: SJRC

1. INTRODUCTION AND OVERVIEW

This manual provides comprehensive instructions for the safe operation, maintenance, and troubleshooting of your SJRC F11S 4K PRO Drone. Please read this manual thoroughly before operating the drone to ensure proper functionality and to prevent damage or injury.

The SJRC F11S 4K PRO is a professional-grade foldable brushless quadcopter equipped with a 4K HD camera, 2-axis gimbal with EIS (Electronic Image Stabilization), GPS, and 5G WiFi for extended range and stable image transmission.

2. KEY FEATURES

- **4K HD Camera:** Captures high-resolution video (3840*2160P) and photos (3840*2160P).
- **2-Axis Stabilized Gimbal with EIS:** Ensures stable and clear footage by minimizing camera shake.
- **GPS Positioning:** Provides precise positioning awareness for secure flight, including features like low battery return, return beyond distance, runaway return, and return home.
- **Extended Flight Time:** Approximately 26-28 minutes with a fully charged 11.1V 2500 mAh battery.
- **Long Remote Distance:** Up to 3000 meters (3KM) for the F11S PRO model.
- **5G WiFi Image Transmission:** Real-time image transmission distance up to 3KM.
- **Intelligent Tracking System:** GPS intelligent tracking for dynamic shooting.
- **5x Image Zoom:** Allows for detailed capture from a distance.
- **Gesture Shooting:** Enables photo and video capture using hand gestures.
- **Point of Interest Shooting:** Automatically orbits a designated point for cinematic shots.
- **Route Planning:** Plan custom flight paths via the app.
- **Foldable Design:** Compact and portable for easy transport.

3. PACKAGE CONTENTS

Upon unpacking, verify that all items listed below are present and in good condition:

- SJRC F11S 4K PRO Drone

- Remote Control
- Flight Battery (Quantity may vary based on package, e.g., "Three Batteries")
- Propellers (Spare set included)
- USB Charging Cable
- Screwdriver
- User Manual
- Portable Storage Bag (Included with some packages)
- Camera (Integrated)

F11 4K Pro + 3Battery + Portable Bag

4K
ULTRAHD



Camera Lens:
Video resolution: **3840*2160P**
Photo resolution: **3840*2160P**



Drone
without battery



Portable Bag



1500M RC distance



800M image transmission



3*Battery

Image: Contents of the SJRC F11 4K Pro package, including the drone, remote controller, three batteries, spare propellers, and a portable carrying bag.

4. SETUP

4.1 Battery Installation

1. Ensure the drone and remote control are powered off.
2. Insert the fully charged flight battery into the drone's battery compartment until it clicks securely into place.

3. For the remote control, insert the required batteries (refer to the remote control section for type and quantity) into its compartment.

4.2 Propeller Installation

Attach the propellers according to the markings (A/B) on the propellers and motor arms. Ensure they are securely fastened to prevent detachment during flight.

4.3 Remote Control Setup

Unfold the remote control's phone holder and securely place your smartphone. Power on the remote control by pressing and holding the power button.



Image: The SJRC F11S 4K PRO drone and its remote controller, ready for operation.

4.4 App Installation and Connection

Download the official SJRC drone application from your smartphone's app store. Connect your smartphone to the drone's 5G WiFi network (SSID usually starts with "SJRC-F11S-"). Launch the app to view the live camera feed and access flight controls.

5. OPERATING INSTRUCTIONS

5.1 Pre-Flight Checklist

- Ensure drone and remote control batteries are fully charged.
- Check propellers for any damage and ensure they are securely attached.
- Select an open, clear area for flight, away from obstacles, people, and restricted airspace.
- Verify GPS signal strength on the app before takeoff.

5.2 Take-off and Landing

After successful GPS lock, use the one-key takeoff button on the remote or within the app. For landing, use the one-key landing feature or manually descend the drone to a safe, clear area.

5.3 Flight Modes

The drone supports various flight modes, typically including:

- **GPS Mode:** Provides stable hovering and precise positioning. Recommended for beginners.
- **Normal Mode:** Offers more manual control, suitable for experienced pilots.
- **Sport Mode:** Increases drone speed and agility for dynamic flight.



Image: The drone in flight, demonstrating its 5G+Repeater technology for real-time image transmission up to 3KM.

5.4 Camera Operation

The integrated 4K HD camera features a 2-axis stabilized gimbal with EIS for smooth video and sharp photos. Control camera tilt and capture photos/videos via the remote control or the app interface.

5.4.1 Image Zoom

Utilize the 5x image zoom feature through the app to get closer views without physically moving the drone.

5.4.2 Gesture Shooting

Enable gesture shooting in the app settings. Perform specific hand gestures (e.g., V-sign for photo, open palm for video) to trigger camera functions remotely.

5.5 Intelligent Flight Modes

Leverage the drone's intelligent flight modes for enhanced flight experience:

- **GPS Intelligent Tracking:** The drone can automatically follow a designated subject (e.g., the remote controller user).
- **Point of Interest:** Set a central point, and the drone will orbit it at a specified radius and altitude, capturing a 360-degree view.
- **Route Planning (Waypoint Flight):** Draw a desired flight path on the app's map, and the drone will automatically follow it. Ensure the flight path is safe and clear of obstacles.



Image: Illustration of GPS positioning features, including low battery return, return beyond distance, runaway protection, and automatic return home.

5.6 Image Transmission

The 5G WiFi system provides stable and long-range real-time image transmission to your connected smartphone, allowing for FPV (First Person View) flying and monitoring of your shots.

Your browser does not support the video tag.

Video: Official product video demonstrating the SJRC F11S 4K PRO drone's features, including flight capabilities, camera stabilization, intelligent tracking, and image transmission range.

6. MAINTENANCE

6.1 Cleaning

Regularly clean the drone body, propellers, and camera lens with a soft, dry cloth. Avoid using harsh chemicals or solvents.

6.2 Storage

Store the drone in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for an extended period, ensure batteries are charged to approximately 50% to prolong their lifespan.

6.3 Battery Care

Always use the provided charging cable and adapter. Do not overcharge or over-discharge batteries. Discontinue use if batteries show signs of swelling or damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not power on.	Low or uncharged battery; incorrect battery installation.	Charge battery fully; ensure battery is correctly inserted.
No image on app.	Incorrect WiFi connection; app not launched.	Reconnect to drone's 5G WiFi; restart app.
Drone drifts during flight.	Insufficient GPS signal; uncalibrated sensors.	Fly in open area for better GPS; perform compass calibration.
Short flight time.	Battery degradation; aggressive flying.	Replace battery if old; fly more conservatively.

8. SPECIFICATIONS

Feature	Detail
Model Name	SJRC F11S
Video Capture Resolution	4K (3840*2160P)
Camera Lens	F/2.15 100° FOV
Gimbal	2-Axis Stabilized Gimbal with EIS
Connectivity Technology	Wi-Fi (5G)
Battery Capacity	2000 Milliamp Hours (11.1V 2500 mAh for F11S PRO)
Flight Time	About 26-28 minutes
Remote Distance	About 3000 M (3KM)
WiFi Distance	3000 M (3KM)
Product Weight	585g
Frame Rate	30 fps

Feature	Detail
Support SD Card	32-128GB (for F11S PRO)
Control Type	Remote Control
Age Range (Description)	Adult
UPC	717378105069

		
Item Name	F11 4K PRO	F11S 4K PRO
Camera Lens	video resolution 3840*2160P picture resolution 3840*2160P	video resolution 3840*2160P picture resolution 3840*2160P
Flight time	About 26-28 min	About 26-28 min
Remote Distance	About 1500 M	About 3000 M
Wifi Distance	800 M	3000 M
Product weight	585g	585g
Frame Rate	30 fps	30 fps
Support SD Card	8-128G	32-128G
Battery	11.1V 2500 mAh	11.1V 2500 mAh

Image: Comparison of specifications between F11 4K PRO and F11S 4K PRO models, highlighting differences in remote distance and WiFi distance.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided on the product packaging or the official SJRC website. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may also contact the seller directly via the platform where the product was purchased.

