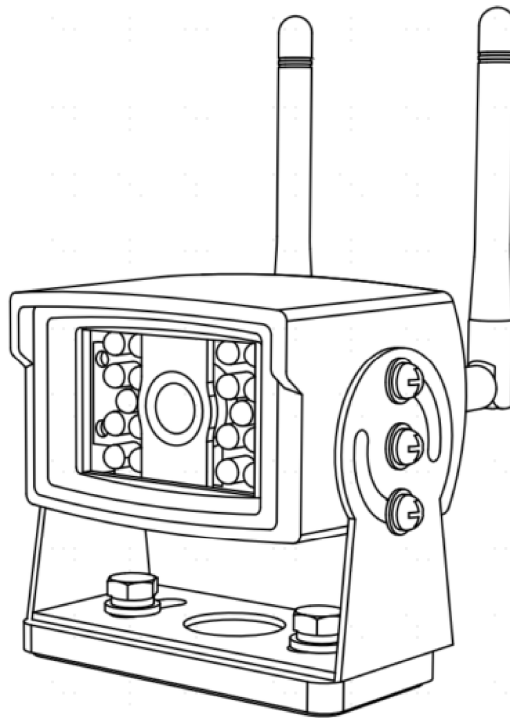




FJDYNAMICS

WIFI Camera

User Manual



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This manual is subject to change without notice.

Read Before Installation:



Follow this manual for installation.

Improper installation may cause machine damage and poor performance.

If you have any questions during installation, contact our customer service.

Preface

Thank you for purchasing FJDynamics product. This manual provides installation guide and usage instruction. If you have any questions, contact the local dealer.

Purpose and Intended Users

This manual introduces the physical characteristics and technical specifications of the product.

Based on the assumption that the users are familiar with the terms and concepts related to this product, this manual is intended for users who have read the preceding content and have experience in hardware installation and maintenance.

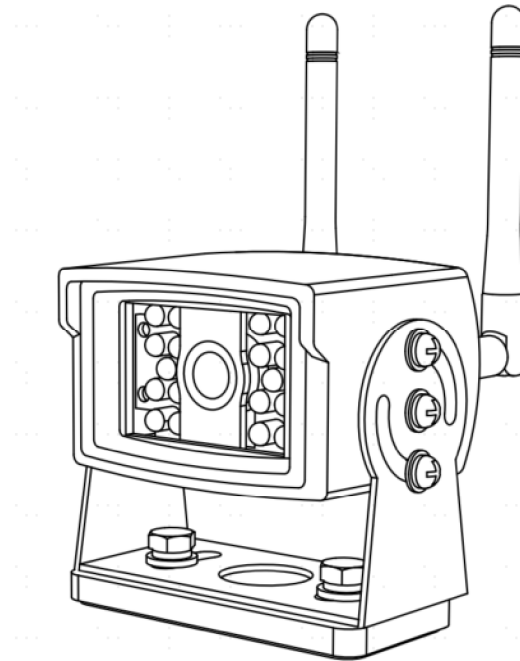
Technical Support

FJDynamics official website: www.fjdynamics.com

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1 Product Introduction



FJDynamics WIFI camera is a smart wireless camera launched by FJ Dynamics Co.,Ltd. (hereinafter referred to as " FJDynamics ").

This product meets the users' demands for real-time monitoring when backing agri-vehicles and operating implements. The product greatly improves the safety and practicability of FJDynamics Auto Steer System.

2 Inspection

2.1 Inspection Before Installation

Before installation, make a detailed plan and arrangement regarding the installation position, power supply, and wiring of the equipment, and ensure that:

- There is sufficient space to facilitate equipment installation and heat dissipation.
- The environmental temperature and humidity meet the requirements.
- The power supply and wiring meet the requirements.
- The selected power supply matches the system power.
- For a user-specific equipment, ensure that the specific requirements are met.

2.2 Precautions

- Cut off the power supply when installing the equipment.
- Place the equipment in a dry environment.
- Do not place the equipment in a high-temperature environment.
- Keep the equipment away from high-voltage cables.
- Keep the equipment away from strong thunderstorms and electric fields.
- Unplug the power supply before cleaning.
- Do not clean the equipment with liquids.
- Do not open the equipment enclosure.
- Fix the equipment firmly.

3 Main Components

3.1 WiFi Camera



3.2 Power Wiring Harness



4 Specification

| No. | Parameter | | Specification |
|-----|-----------------------|-----------------------|------------------------------|
| 1 | Model | | FJ-WF01 |
| 2 | Size | | WiFi Camera: 88×102×128 mm |
| | | | Power Wiring Harness: 700 mm |
| 3 | Weight | | 370 g |
| 4 | Camera Resolution | | 1920×1080 |
| 5 | Power | | DC 12 V / 24V |
| 6 | IR Distance | | 10 m |
| 7 | WiFi Performance | Transmission Distance | 50 m |
| 8 | | Channel Bandwidth | 20 MHz |
| 9 | | Frequency Range | 2.4GHz - 2.4835GHz |
| 10 | Operating temperature | | -20°C ~ 70°C |
| 11 | Storage temperature | | -40°C ~ 85°C |
| 12 | Relative humidity | | 10 ~ 95% |
| 13 | IP rating | | IP65 |

5 Operation procedure

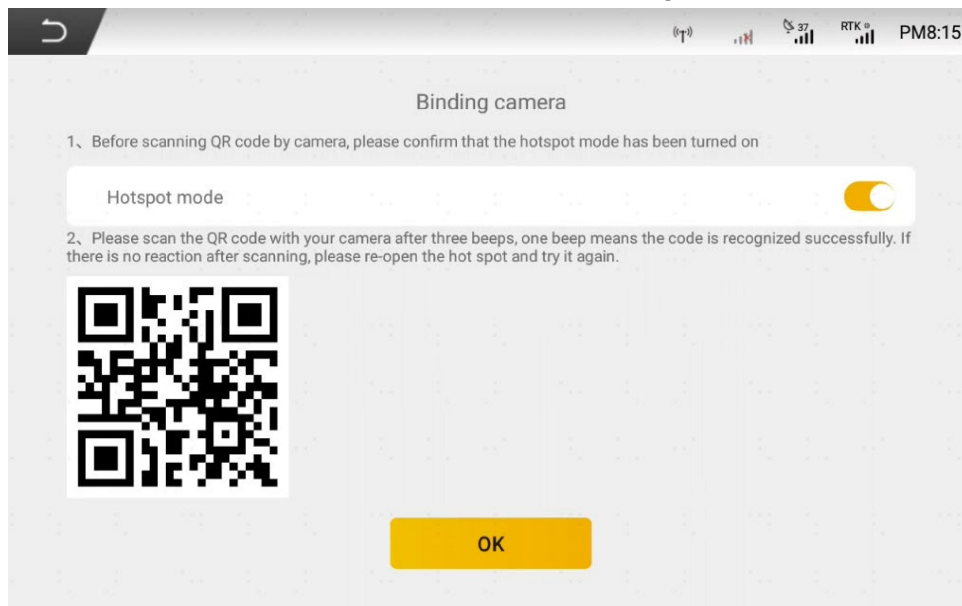
Two Wi-Fi cameras can be connected via hotspot.

The operation is as follows:

1. For the first use, please turn on the Wi-Fi camera in the settings.

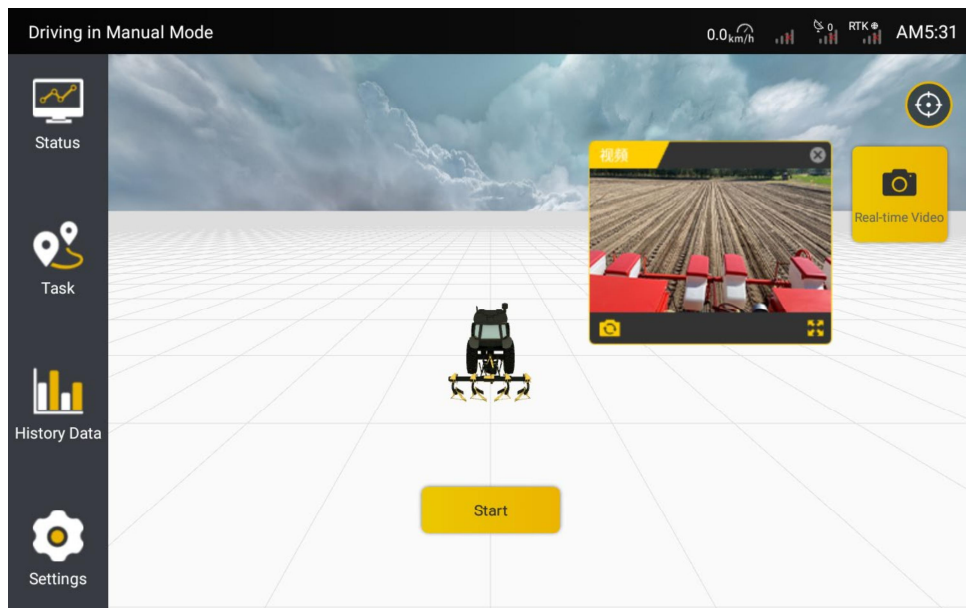
2. Turn on the hotspot mode before binding, and scan the code via camera to identify and bind the camera. Up to two cameras can be bound via scanning the code. The scanned camera is displayed on the right side. Click **OK** to enter the camera view page.

3. The current video stream can be viewed on the camera list page. If it is required to bind other cameras, click “Delete” and repeat the binding steps to bind.



Wi-Fi camera configuration

4. After the binding is completed, user can click return button in the upper left corner to enter the working interface, and Click real-time video button to open the main interface display.



Real-time video

5. Click **Switch** button to switch the camera. Click **Full Screen** button to maximize the camera interface, and click again to restore. Click **Close** to close the camera window in a real time manner.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC RF Exposure Warning Statements:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.