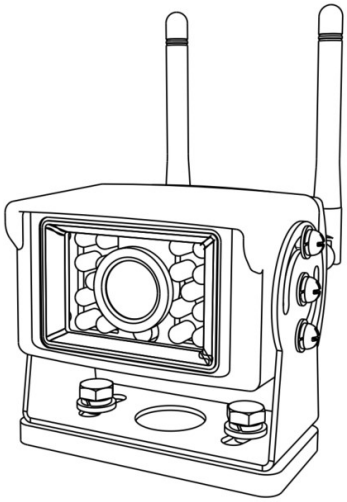
Sveaverken

WIFI Camera

User Manual



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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 Sveaverken product. This manual provides detailed guide. If you have any questions, contact the local dealer.

Purpose and Intended Users

This manual introduces the physical characteristics, installation procedures, and technical specifications of the product as well as the specifications and use of the wiring harnesses and connectors.

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

Sveaverken official website: www.sveaverken.com

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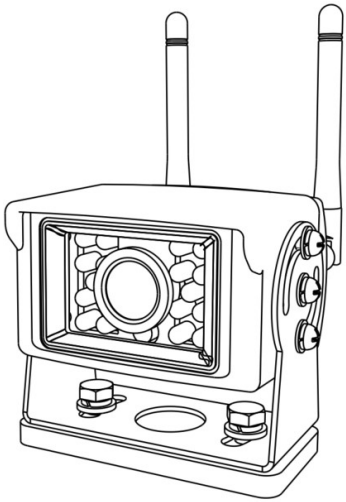
1 Product Introduction



Sveaverken WIFI camera is a smart wireless camera launched by Sveaverken Intelligent Technology (shenzhen) Co.,Ltd. (hereinafter referred to as "Sveaverken").

This product meets the users' demands for real-time monitoring when backing agrivehicles and operating implements. The product greatly improves the safety and practicability of Sveaverken F100 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

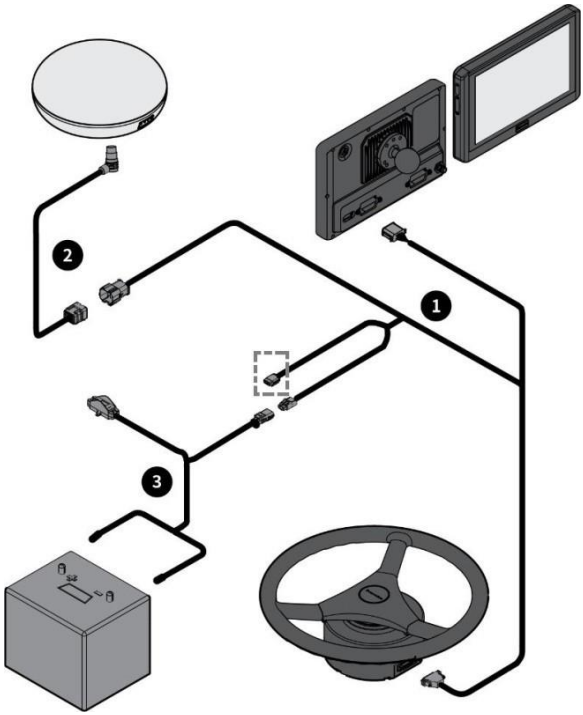
3.1 WiFi Camera

3.2 Power Wiring Harness

4 Specification

No.	Parameter		Specification
1	Model		SVEA-WF02
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, 1A
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	Compression Standard	Video Compression Bite-rate	32 Kbps ~ 8 Mbps
11		Audio Compression Standard	G.711/G.722.1/G.726/MP2L2/AAC/PCM
12		Audio Compression Bite-rate	64Kbps（G7.11）/16Kbps（G7.22.1）/16Kbps（G7.26）
13	Operating temperature		-20 ℃ ~ 70 ℃
14	Storage temperature		-40 ℃ ~ 85 ℃
15	Relative humidity		10 ~ 95%
16	IP rating		IP65

5 Installation



The diagram above is showed that the connection of main components of Sveaverken F100 Auto Steer System by main wiring harness❶, GNSS receiver wiring harness❷, main power cable❸.

1. Connect power wiring harness of WiFi camera and main wiring harness❶ through the marked connector ，the other end of power wiring harness of WiFi camera should be connected to the wiring harness of WiFi camera itself.

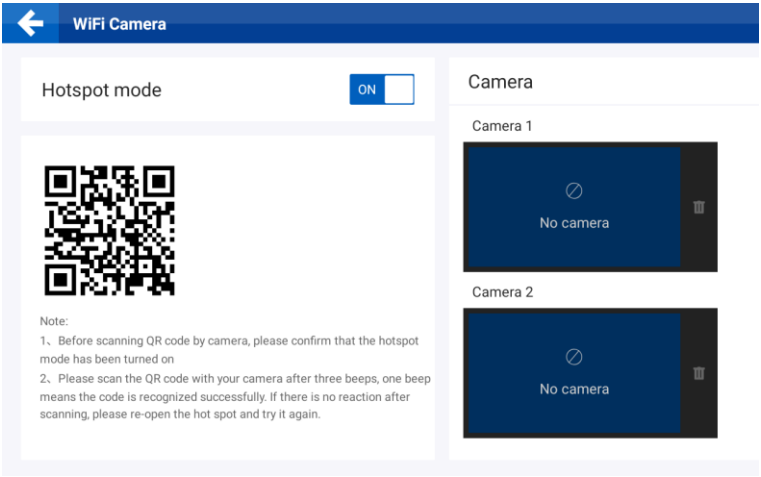
2. Turn on the switch on the main power cable❸. WiFi camera is powered on after the buzzer sounds.

6 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.



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.
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.
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.

For more details, you can refer to 「*Sveaverken F100 Auto Steer System Software User Manual*」 on the website www.sveaverken.com.