



Integrated Control Smart Poultry Farming Platform Improve Farming Efficiency Reduce Operating Costs

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Farmrob
- Certification: ISO9001
- Model Number: SF-1
- Minimum Order Quantity: 50 sets
- Packaging Details: In wooden cage packaging
- Delivery Time: 30 days
- Payment Terms: L/C, T/T
- Supply Ability: 2000 pc per/month



Product Specification

- Sensors: Temperature, Humidity, Pressure, CO2
- Product Type: Smart Agriculture System
- Control System: Automated
- Installation: Indoor/Outdoor
- Compatibility: Android
- Remote Monitoring: Yes
- Data Collection: Real-time Monitoring And Analysis
- Highlight: **Integrated Control Smart Poultry Farming Platform**

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As the scale of China's livestock industry expands, production management faces challenges. In the past, it relied on manual labor; now, it leverages technology to enhance management efficiency. Data collection is crucial in livestock management. Shengxing Technology Group is committed to integrating livestock big data, establishing a comprehensive platform to display key indicators such as air quality, feed intake, water consumption, and egg production. To support efficient management, the group has developed a range of big data collection devices.

Indoor condition monitoring

The air quality monitoring collects data through sensors for temperature, humidity, CO2 concentration, and indoor pressure, presenting it to users in the form of a tree diagram. Users can observe the current indoor environmental conditions at any time without being on-site, allowing for convenient device settings and adjustments.



Feed monitoring

The feed intake system utilizes the Weigu intelligent weighing system, significantly enhancing the efficiency of modern animal husbandry. This system features high precision, long-term stability, and eliminates calibration costs, ensuring economic benefits and convenience. Through advanced algorithms such as intelligent balancing and temperature compensation, the system maintains excellent performance under various environmental conditions, reducing feed costs and waste while improving feeding efficiency.

By integrating with the Farmrob Smart Farming Platform, farmers can monitor feed usage in real-time and adjust feeding strategies based on the actual needs of the animals, further optimizing the farming process. This not only increases economic benefits but also contributes to sustainable development.



Intelligent Bin Weighing System



Easy to install

Easy to Operate

Easy to maintain

Accurate and stable



- Manage feed through a mobile App
- Automatic statistics of feed consumption
- Automatically generate data curves and charts

Intelligent Water Line Control System

The advanced water line control system developed by Farmrob enables real-time monitoring and multi-functional operation of the drinking water system. This system uses high-precision pulse water meters to record water usage in chicken houses and provide detailed data support. It features multiple automatic cleaning modes to ensure the cleanliness of the water line and reduce disease transmission. Additionally, the automatic medication function allows for the addition of drugs at specified times to promote the health of the chickens. The end-point low water alarm mechanism promptly alerts farmers to potential water source issues, preventing stress on the chickens due to lack of water.

With remote module technology, the system simplifies wiring and allows for centralized control of multiple water lines. Farmers can monitor the status of the water lines anytime and anywhere through the smart farming platform, adjusting their water and medication plans, thereby improving farming efficiency and management levels.



Egg Counting System

To achieve precise counting of egg production in each chicken house, the egg-laying system is specially equipped with an egg counting device for the egg discharge trough. This device is designed to accommodate trough widths ranging from 100 to 150 mm and boasts an accuracy of up to 99.9%.

1. Egg Collection Trough Counter

Model	CNTC-01	Rated Power	3W
Input Voltage	12-24V	Rated Current	0.3-0.1A
Ambient Temperature	< 60°C > -30°C	Ambient Humidity	< 80%
Sensor	TOF	Protection Level	IP41



2.Egg Collection Counter



About Us

The big data management platform of Farmrob is set to undergo an important upgrade.

Users can leverage this platform to comprehensively monitor and manage various aspects of the farm,enhancing

farming efficiency, reducing operational costs, and further promoting the development of smart agriculture.



Sichuan Shengxing Intelligent Technology Group Co., Ltd.



+86 15882314158



dennis@farmrob.com



farmrob.com

19 1st Road ,YangAn Industrial Park, ChengDu City,China