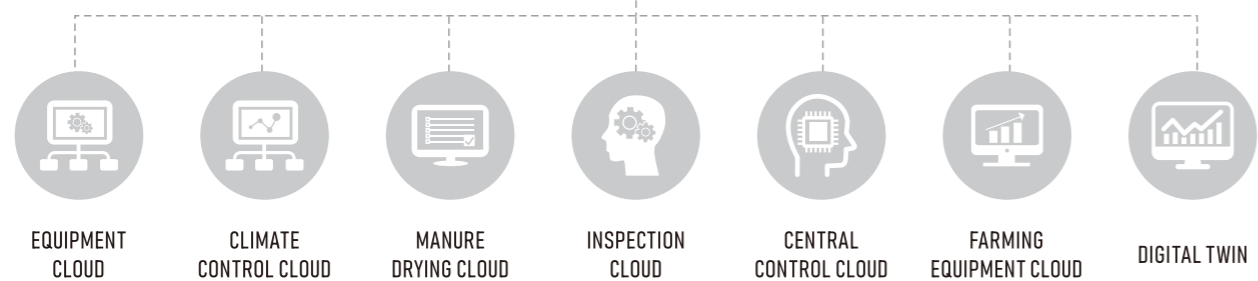




POUL TECH CLOUD DIGITAL FARM MANAGEMENT SERVICE PLATFORM



APPLICATION TERMINALS
(Data center, monitoring screen, computer, pad, mobile phone)

Providing true smart farming empowerment for farming enterprises, POUL TECH has now launched a complete set of solutions, enabling each module to achieve a collaborative effect of 1+1>2, ultimately leading to cost reduction and efficiency gains in production performance.

SERVICE SYSTEM

One-Stop Customized Farming Solutions	Farm Site Selection Layout Plan	Farming Skills Training Remote Consultation	Professional After-Sale Service 24-hour Service Hotline	Tracking & Survey	Online Technical Training

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The Pioneer of Super-High Constant-Temperature Poultry Equipment
The Forerunner and Pioneer of Digitizing Farm Management
The Provider of Digitizing Farming System Service



DISINFECTION ROBOT

Intelligent livestock farming cleaning solutions

DISINFECTION ROBOT

Intelligent livestock farming cleaning solutions

Integrating radar technology to set operating routes

AI Visual Identification

Minimizing ineffective disinfection efforts

Disinfectant spray technology



In large-scale livestock farms, equipment cleaning is crucial for ensuring production safety and enhancing animal welfare. However, traditional manual washing methods suffer from low efficiency and significant resource waste. With the deepening application of smart agriculture technology, cleaning robots integrate radar technology to set operating routes, AI visual recognition, and disinfection spray technology to precisely identify the location of equipment waste, perform point-to-point cleaning of waste, avoid ineffective washing, and achieve precise and unmanned cleaning operations in livestock farms, becoming a key tool for cost reduction and efficiency improvement.



PRODUCT FEATURES

Precise disinfection and cleaning

Utilizes 3D LiDAR + obstacle avoidance radar navigation, 3D camera for precise positioning of manure areas, point-to-point disinfection spray mode, minimizing ineffective disinfection efforts.

Safe autonomous operation

Equipped with physical collision prevention strips and an automatic emergency stop function, the robot ensures the safety of both humans and the machine in the event of accidental contact. It offers 6-8 hours of continuous operation, capable of servicing a chicken house housing up to 100,000 chickens with a single unit.

TECHNICAL ADVANTAGE

Intelligent path planning, optimized cleaning routes.

Multi-scenario adaptation, unrestricted by the number of farming tiers.

Reduce costs and increase efficiency, reduce waste of resources.

Improve biological safety index, automatically record disinfection data (time, area), and assist in epidemic prevention and control.

Integrated with patrol, chicken catching, and floor cleaning robots, it creates a closed-loop unmanned farming system, further reducing.

