

# INTELLIGENT IRRIGATION SYSTEM



## WIDE

Wide Range Of Application Scenarios

## COMPLETE

Complete Product Range

## PRECISE

Precise Control In Place

## MANAGE

Scientific Planting Management

## INCREASE

Significantly Reduce Cost And Increase Efficiency

















## EXCELLENT

Excellent After-sales Service

# SYSTEM INTRODUCTION

By integrating intelligent monitoring and control devices with software, this system accurately controls water&fertilizer supply from pump houses to fields. It provides real-time monitoring of crop growth, pest and disease conditions, and soil environment. Combined with agronomic models, crop models, and soil models, it offers scientific decision-making support to growers. By optimizing the cultivation management process, it achieves about 30% water savings, 15% fertilizer savings, and an 80% reduction in labor costs, thereby ensuring stable and increased yields of grain crops.

# SYSTEM COMPONENTS

							
Intelligent Variable Frequency Control Cabinet	Automatic fertilizer spreader (Venturi)	Automatic fertilizer spreader (Injection)	Intelligent water&fertilizer integrated spreader	Soil Moisture Monitoring	Meteorological Monitoring	Pest Monitoring	Seedling Monitoring
WATER&FERTILIZER INTEGRATED SYSTEM				FOUR-CONDITION MONITORING SYSTEM			
							
Intelligent Gateway	Split-type Intelligent Ball Valve	Integrated Intelligent Ball Valve	Master-slave Intelligent Ball Valve	Intelligent Butterfly Valve	Intelligent Gate Valve	Pc Platform	Mobile App
FIELD VALVE CONTROL SYSTEM						TERMINAL MANAGEMENT SYSTEM	

## COOPERATION CASE

By June 2024, the Huida intelligent irrigation system has successfully covered over 0.1 million hectares of unit yield improvement project for crops such as corn, soybeans, and rice, over 33,000 hectares of efficient water-saving projects for cotton fields, and 27,000 hectares of high-standard farmland projects. It has provided scientific and effective solutions for projects aiming at increasing grain yields per unit area, constructing high-standard farmland, and developing modern irrigation areas.



## HUIDA SMART AGRICULTURE PLATFORM

-  INTELLIGENT AGRICULTURAL MACHINERY AND EQUIPMENT.
-  REFINED FIELD MANAGEMENT.
-  STANDARDIZED AGRICULTURAL OPERATIONS.

Focus On Crop Growth, Provide A One-stop Solution For The Whole Cycle Of "Farming, Planting, Management And Harvesting", Aim To Improve Crop Unit Yields.

<p><b>Soil Fertility Improvement Subsystem</b> Fertile farmland provides the environmental foundation to increase crop unit yields.</p>	<p><b>Improved varieties cultivation subsystem</b> Improved varieties ensure higher unit yields under the same land conditions.</p>	<p><b>Intelligent agricultural machinery subsystem</b> Use high-quality implements to improve agricultural productivity</p>
<p><b>Scientific planting subsystem</b> Efficient methods maximize land resource potential</p>	<p><b>Production service subsystem</b> Promote sound systems to increase overall output value</p>	

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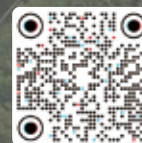
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