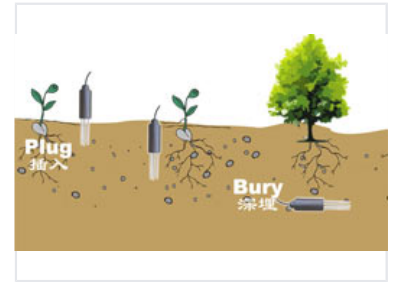


Wireless Moisture-Controlled Solar Irrigation System

This system features a main controller, located indoors and powered by AC. Soil moisture is monitored by a solar-powered sensor, which wirelessly transmits data to the main controller.



Product Overview

Smart Irrigation Solution

This wireless, solar-powered irrigation system utilizes advanced soil moisture sensing to automate plant hydration. Designed for efficiency and sustainability, it significantly reduces installation complexity by eliminating the need for extensive wiring. The system ensures precise, repeatable moisture levels across diverse soil types, making it an ideal solution for large-scale agricultural and outdoor applications.

Technical Capabilities

Irrigation Zones

10 zones

Wired Zones

30 zones

Wireless Zones

Irrigation Control Modes

- Soil moisture automatic control
- Soil moisture automatic control + Forbidden Irrigation time
- Timer-based control

Wireless Communication Range

500 m

Hardware & Connectivity

Interface

LCD Display

Power Source

Solar Powered, Low Power Consumption Design

Signal Outputs

2 relays

Relay Voltage

12VDC