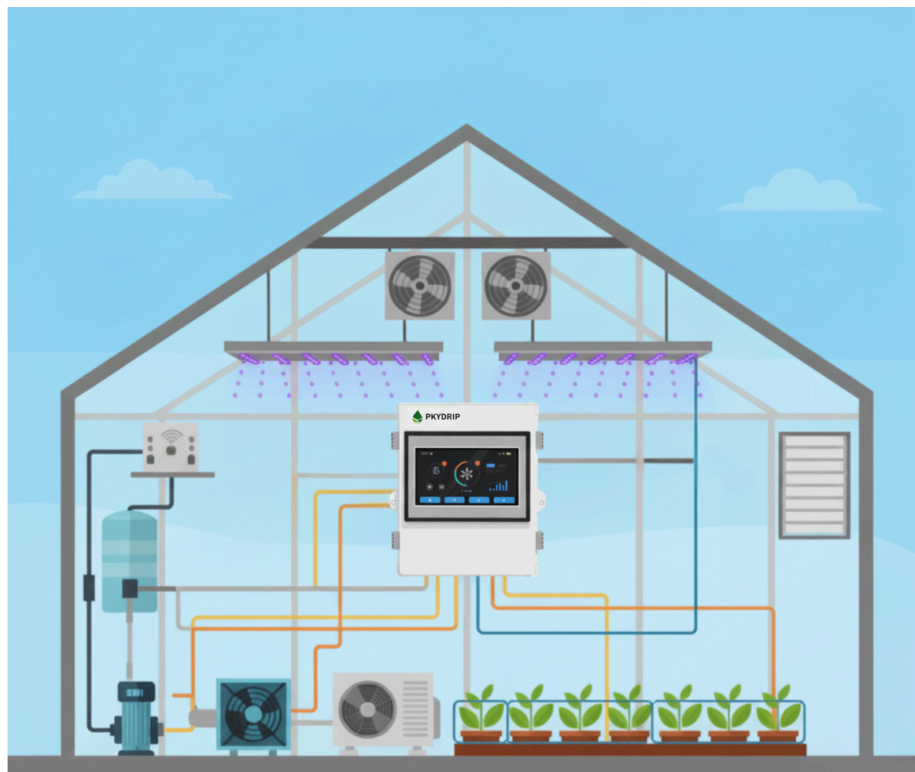


Irrigation Controller



Smarter Irrigation • Reliable Control • Scalable Solutions

The **PKYDrip Wired Master Controller** (Model PKY-60W) is a professional irrigation solution built for agricultural fields, greenhouses, and municipal landscaping projects. With flexible modular expansion, industrial-grade durability, and smart management features, it delivers efficient, reliable, and scalable irrigation control for medium to large-scale installations.



Key Features

- **Scalable Control**

14 zones expandable up to 60

- **Industrial-Grade Reliability**

IP65 protection, stable in harsh environments

- **Smart Management**

7" touchscreen + local control + Web/App remote control

- **Versatile Integration**

Supports solenoid valves, motorized valves, pumps (up to 10kW), VFDs

- **Sensor Ready**

Works with soil, rain, pressure, and flow sensors for precision irrigation

Technical Specification

Touchscreen: 7" MCGS Industrial Capacitive Panel

Valve Control Outputs: 14 (expandable up to 60)

Expansion Module Size: 8 × 5 × 4 cm

Communication: 2 × RS485 (25 devices per port)

Analog Inputs: 2 × (4–20mA / 0–5V)

VFD & Pump Control: Yes, up to 10kW

Control Mode: Local / Web / Mobile App

Main PCB Size: 19 × 9 × 4 cm

Enclosure Size: 240 × 300 × 120 mm

Protection Level: IP65

Installation: Wall or Pole Mount

Cable Interface: M20 Waterproof Glands

Operating Temperature: –20°C to +70°C

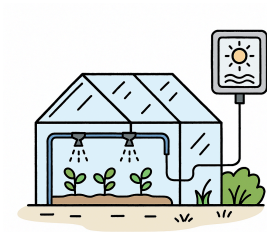
Model: PKY-60W



Application Scenarios

Our irrigation controller is suitable for a wide range of applications, including:

Greenhouses



The PKY-60W controller provides flexible integration options for greenhouses.

It can connect with a wide range of sensors (temperature & humidity, CO₂, soil EC/pH, light) and equipment such as cooling pads, ventilation fans, and growing lights.

This allows growers to build a customized smart greenhouse system — from basic irrigation control to fully automated fertigation and climate management.

Urban Landscaping & Sports Turf

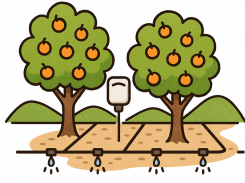
The PKY-60W controller is ideal for large-scale landscaping projects such as parks, lawns, roadside greenery, golf courses, and sports fields.

With flexible zone management and integration with soil moisture, rainfall, and weather sensors, it enables automated scheduling that saves water and reduces maintenance costs.

Reliable long-term operation ensures even water distribution, keeping turf and landscapes green, healthy, and visually appealing.



Orchards & Vineyards



The PKY-60W controller brings automation and precision to orchards and vineyards, where consistent irrigation is critical for crop health and fruit quality.

By integrating with soil moisture, EC/pH, and climate sensors, it enables growers to apply the right amount of water and nutrients at the right time. Automated drip irrigation reduces labor costs, saves water, and promotes healthier root systems.

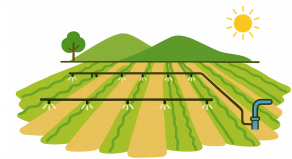
With flexible zone management, the controller easily adapts to orchards of different sizes and planting patterns, ensuring reliable operation season after season.

Open-Field Farming

The PKY-60W controller is designed for large-scale open-field farming, where efficient water management is key to reducing costs and improving yields.

By connecting with soil moisture, rainfall, pressure, and flow sensors, it ensures precise irrigation scheduling and stable water delivery across multiple zones. Automated control minimizes water waste, prevents under- or over-irrigation, and reduces reliance on manual labor.

With modular expansion up to 60 zones, the system offers reliable, scalable irrigation control tailored to the needs of modern field farming.



Smarter Irrigation Without Limits

Cut water waste, reduce labor, and boost yields with one powerful controller. Contact us today for your customized PKY-60W solution.