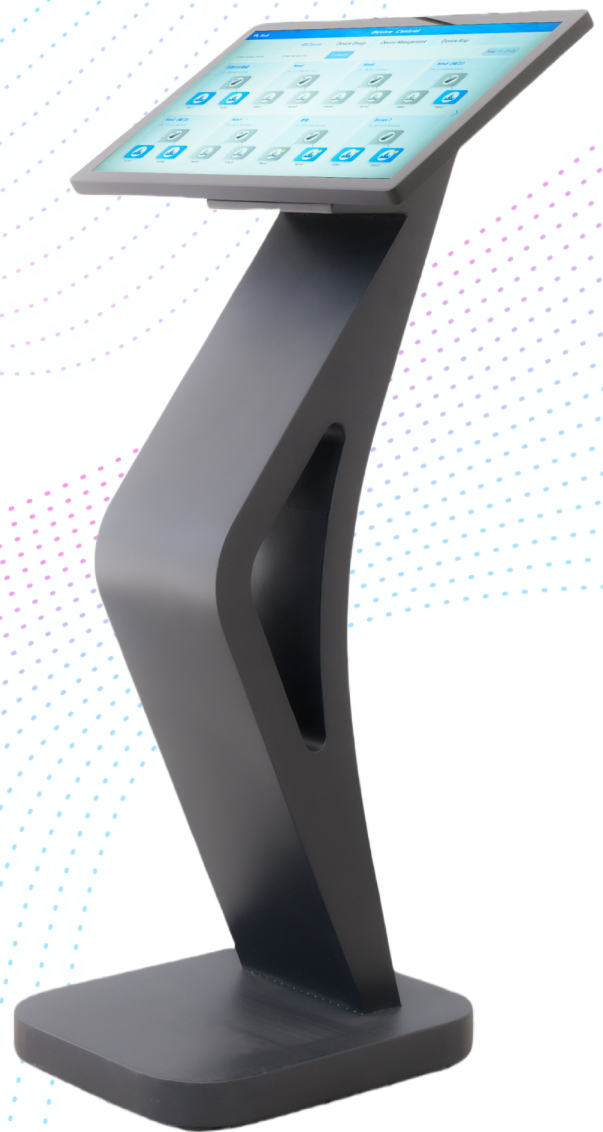




**China's Leading Brand
for Drip Irrigation**

Automatic Irrigation Control System



Chinadrip Irrigation Equipment Co., Ltd.



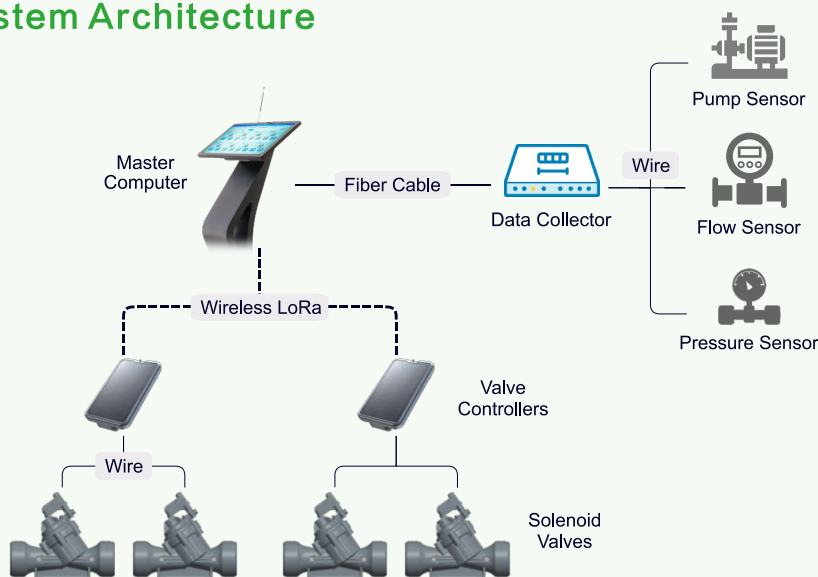
Automatic Irrigation Control System



Features

- LoRa Technology: Long-range Radio, low-power wireless communication.
- Smart Irrigation: Enables remote control and automated management.
- Star Network Architecture: Stable communication between gateway and valve controllers.
- Cost-effective and easy to deploy without wires.
- Perfect for remote areas, large-scale farms, landscaping.

System Architecture



Valve Controller

Communication Mode:
LoRa Wireless
Control:
2pcs of Solenoid Valves
Output: 12V DC Latching
Power Supply:
Integrated Solar Panel & Lithium Battery
(Battery Not including inside)
Frequency: 863-928 MHZ
Waterproof Grade: IP65

Master Computer (LoRa Gateway)

with graphical UI for easy program

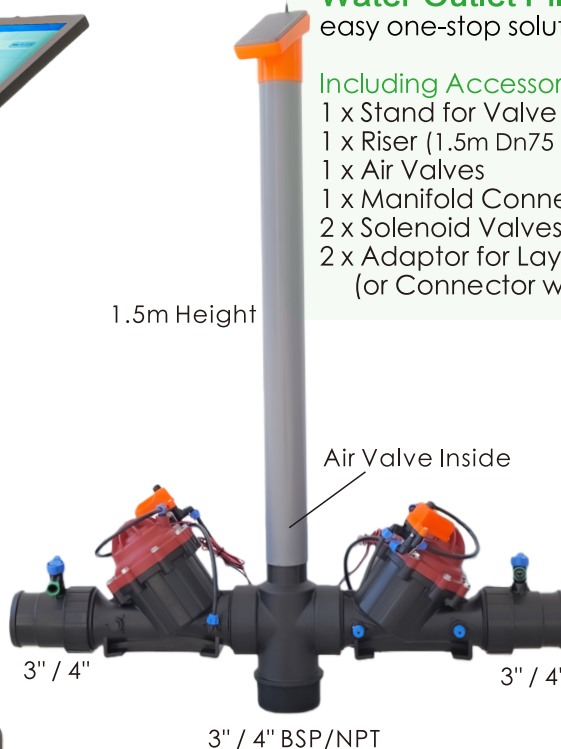
Screen:
21.5" (15.6") Touch Screen
Communication Mode:
LoRa Wireless
Able to Control:
1-99pcs of Valve Controllers
(or 1-198pcs of Solenoid Valves)
Transmission Distance:
About 3 Km
I.O. Ports:
RS232 × 2, HDMI × 1,
VGA × 1, USB × 4
Stand for Master Computer:
100cm Height with Wire Cable



Water Outlet Pile Kit

easy one-stop solution

Including Accessories:
1 x Stand for Valve Controller
1 x Riser (1.5m Dn75 UPVC Pipe)
1 x Air Valves
1 x Manifold Connector
2 x Solenoid Valves
2 x Adaptor for Layflat Hose
(or Connector with Flange)



REMOTE
CONTROL

TIME
PROGRAM