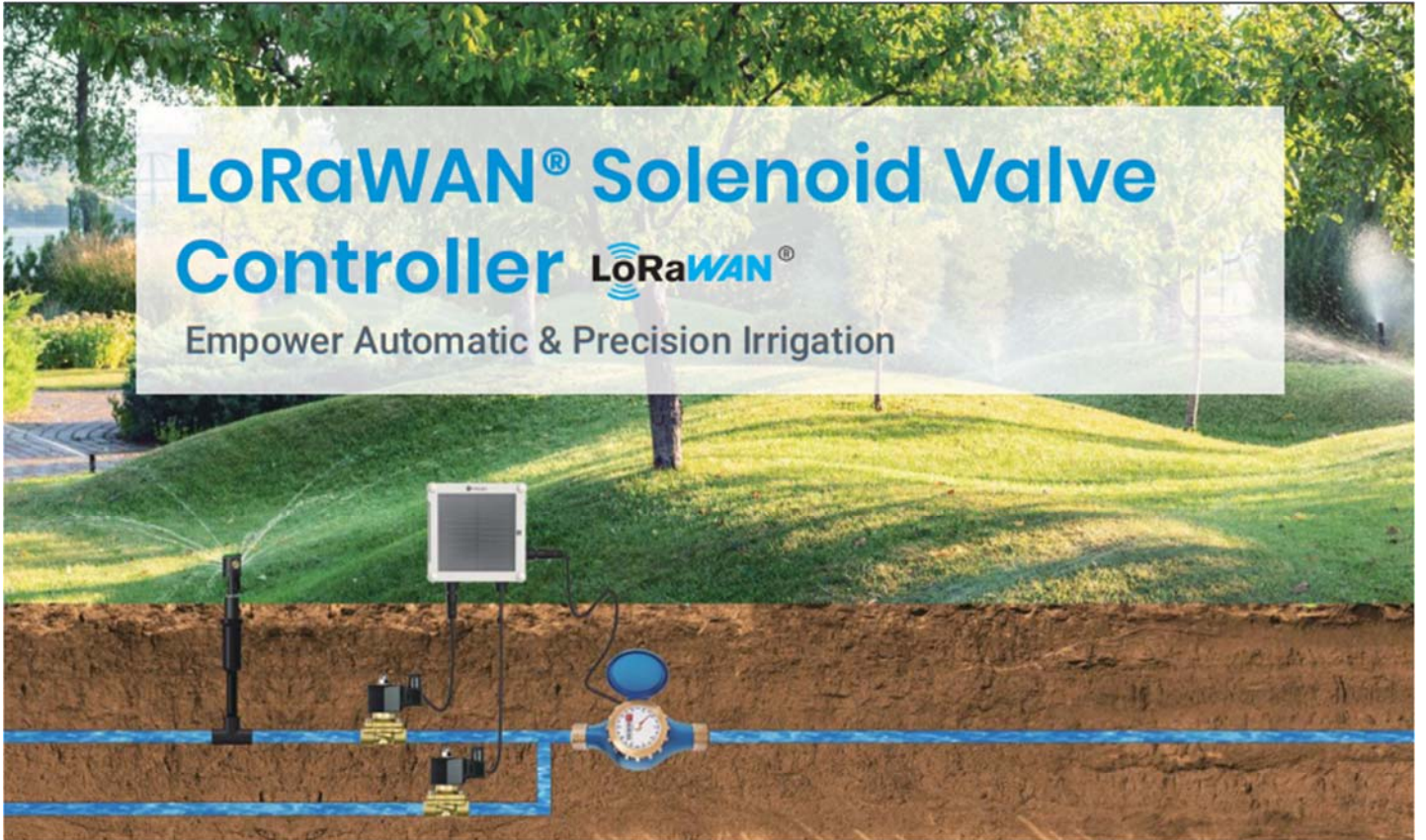


LoRaWAN® Solenoid Valve Controller

Empower Automatic & Precision Irrigation



The UC51x Series LoRaWAN® Solenoid Valve Controller provides seamless ultra long range access capability for common irrigation valves. With Mulesight IoT Cloud, the valve can be remotely controlled from anywhere at anytime. Moreover, the embedded pulse counter feature enables the device to monitor flow easily, as well as to make irrigation precisely.



Solenoid Valve Control

- Time-Based Open/Close
- Volume-Based Open/Close



Flow Monitoring

- Connecting up to 2 Meters
- Configurable Volume per Pulse



Long Term Reliability

- IP67 Waterproof
- 3-Year Battery Life

Model	UC511	UC512
Power Supply	Rechargeable 4900 mAh battery with solar panel 1 month battery life without charging (Class C)	Non-rechargeable Replaceable 19000 mAh Li-SOCI2 battery Up to 3-year battery life (Class A)
Solenoid Interface	2 × 2-Wire 12 VDC Latching Solenoid	
Pulse Interface	2 × Pulse Input	
Dimension	120.1 × 120.1 × 55.4 mm (4.73 × 4.73 × 2.18 in)	
Frequency	CN470/RU864/IN865/EU868/AU915/US915/KR920/AS923	
Ingress Protection	IP67	
Operating Temperature	-20 ~ 60°C	