

Piccolo RTU

The Ultimate 2-Wire Remote Unit



Key Features

Compact Design

Small-sized unit housed in a robust IP65-rated plastic enclosure for durability in harsh environments.

Integrated Components

Includes an electronic board and a 3-way latched solenoid for precise irrigation control.

Versatile Input Support

Supports two digital inputs for sensors

- Water meter contact
- Level transducer
- Pressure gauge

Seamless Communication:

- **Wired Connectivity** Connects in series using a 2-wire (2 x 1.5 mm²) cable
- **Extended Range** Supports communication up to 10 km from the IRRInet unit
- **Scalable System** Up to 63 Piccolo RTUs can be connected along a single cable
- **Power Efficiency** No external power supply needed – powered directly from the communication cable

3-in-1 Functionality Over a Single Cable

01

Power supply

to the Piccolo RTU's electronic board.

02

Command transmission

to the low-power latched solenoid for irrigation control.

03

Sensor data collection

and transmission to the IRRInet system via the Single Cable module.

Advantages of 2-Wire Communication

Fast & Reliable Communication

Ensures quick data transmission for efficient irrigation control.

Cost-Effective

Once the cable is installed, no additional costs for communication infrastructure.