



Agricultural



Turf & Landscape



Water Distribution



Municipal Water



Special Projects



Piccolo RTU

The Piccolo RTU is a small sized unit which consists of an electronic board, a 3-way latched solenoid, packed in an IP65 plastic housing.

The unit energizes one latched solenoid and receives two digital inputs such as: water meter contact, level transducer, pressure gauge etc.

The Piccolo RTU is connected in series on a standard cable (2 X 1.5 mm) for a distance of up to 10 km to an IRRInet Single Cable module.

Up to 63 Piccolo RTUs may be hooked up along the cable. The Piccolo RTU is powered from the communication cable (no need for other power supply), which is connected to the Single Cable module mounted in the IRRInet unit.

Three functions are available using the 2-wire cable:

1. Power supply for the Piccolo's electronic board.
2. Commands to the local low-powered latched solenoid.
3. Two data inputs from sensors transmitted to the IRRInet over the wires, via the Single Cable module.

Technical Specifications:

Power Requirements

35-45V AC

Power Consumption

4 mA in operation mode

0.4 mA in standby mode

Input

2 digital inputs:

“dry” contacts: <10 K Ω = closed, >50 K Ω = opened

Output

1 output: 32-40V DC, 200 ms pulse

Ambient Temperature

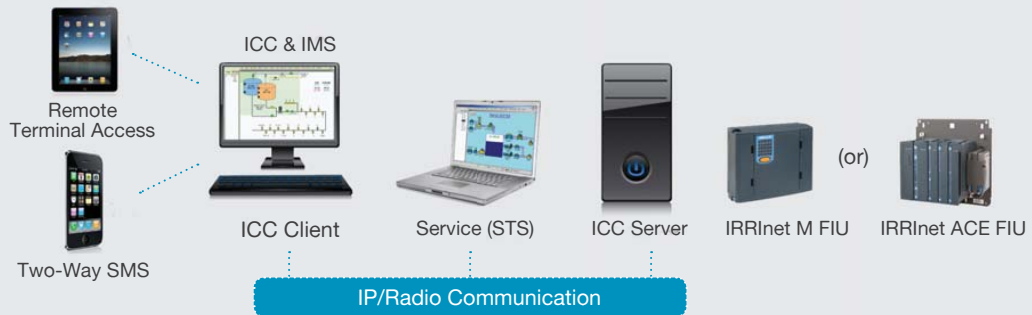
-30 °C to +60 °C (-22 °F to +140 °F)

Ambient Humidity

Up to 95% RH @ 50 °C (non-condensing)

System Topology

Management & Control Center



Field Units



Remote I/Os



Mottech Parkland Pty Ltd
Unit 14, 14 Ashtan Place, Banyo 4014
T. +61 7 3267 3522 | M. +61 424 557 117
info@parkland.com.au | www.parkland.com.au

