

# Piccolo XR | WIRELESS REMOTE TERMINAL UNIT

## Radio Piccolo XR & PIU

The Piccolo XR is a small sized wireless Remote Terminal Unit that operates as an integral part of the IRRInet system.

The Piccolo XR operates up to 4 latched outputs and may receive up to 7 digital inputs (model dependent).

The PIU (Piccolo XR Interface Unit) is connected to the IRRInet Field Unit, and communicates with Piccolo-XR units via its internal two-way low-power radio.

The Piccolo XR and PIU are equipped with internal 10/100mWatt radios (configurable). In order to extend radio coverage the Piccolo XR is capable of operating in a networking mode using numerous hops.



## Features and Benefits

### Frequency range (PIU and Piccolo XR)

- 430-450MHz
- 450-470MHz

### PIU - I/O capacity

- Up to 248 inputs and 248 outputs
- Internal UHF two way radio
- RS232 communication to IRRInet field unit
- RS485 communication to IRRInet field unit

### Piccolo XR and PIU Power Supply

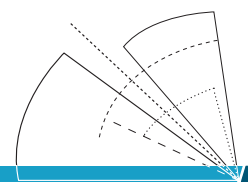
- External 6VDC for Piccolo XR
- 6 to 12VDC for PIU

### Available I/O models

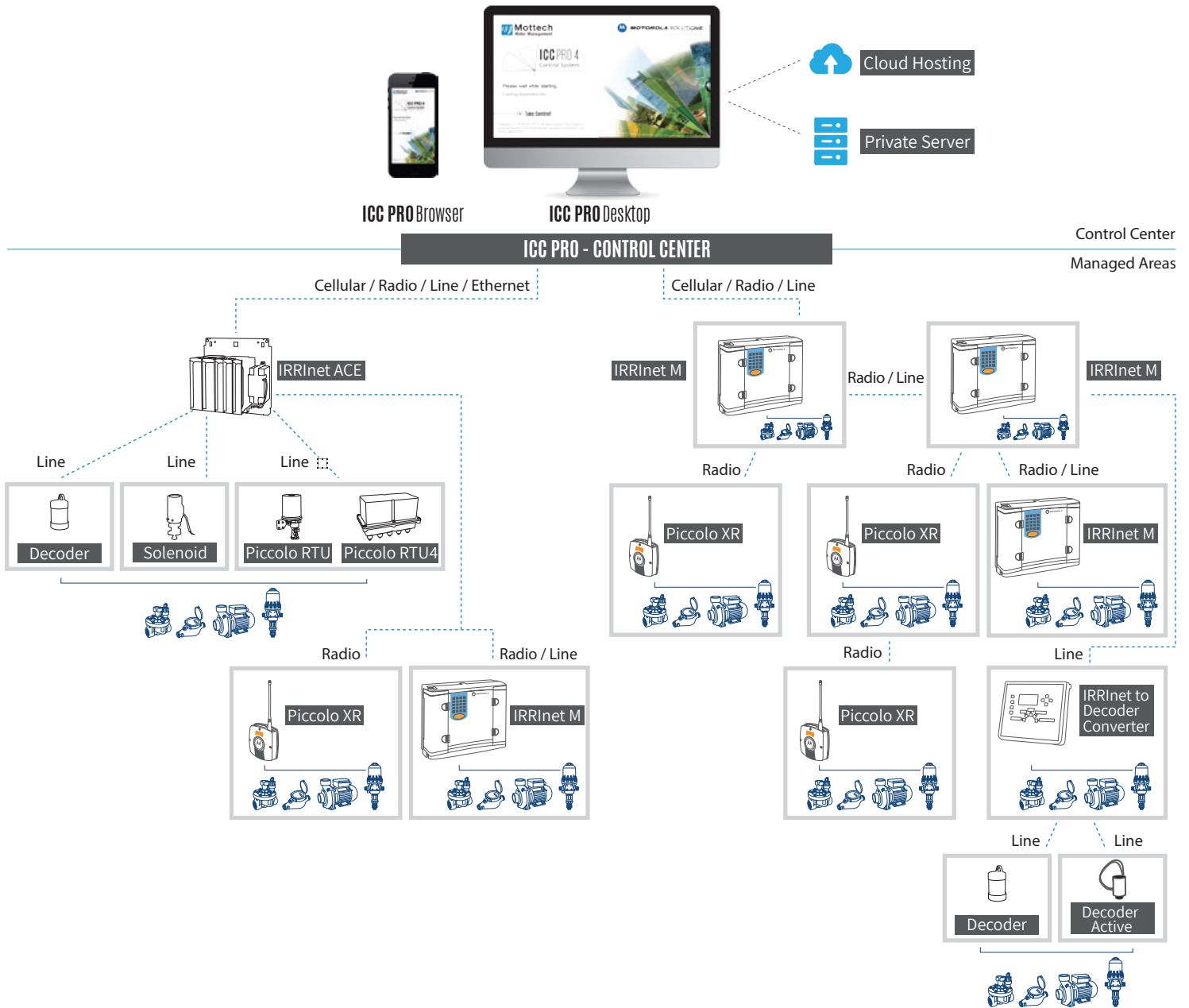
- 1 DI / 1 DO
- 2 DI / 2 DO
- 4 DI / 4 DO
- 7 DI / 1 DO

### Environmental Conditions

Operating temperature: -30° C to + 60° C  
(-22° F to + 140° F)



# System Topology



**Take Control!**