

**The Remconix Irrigation Controller (RICO 24S)** is a standalone wireless irrigation controller, allowing control of up to 24 zones. It is a powerful and easy to use device, easy to program. In one glance you can see which program is running, which zones are currently operating and the amount of watering time left for each zone.

The RICO 24S also has a receiver on board and in conjunction with a Field Sensor Transmitter (FST) you can easily add a wireless rain sensor. The RICO 24S acts as the base transmitter unit and must be used in conjunction with Remconix Valve Control Units (VCU) for a complete wireless irrigation solution.



## Main Features

- 3 independent programs ( A,B,C ) , 4 start cycles per program, each program capable of running at same time as another.
- Wireless control of up to 24 zones.
- Zone timing from 1 minute to 16 hours.
- Wireless control of one pump or Master Valve.
- Wireless Rain sensor.
- Rain Delay inhibit from 1 to 7 days.
- Schedules by day of week, intervals or odd/even day.
- Manual zone operation or whole program operation.
- Unique Factory Encoding allows different RICO24 systems to operate within range of each other.
- Learn Mode – Utilises a very simple technique to “marry” together the RICO 24S and VCUs without any setting of switches. Allows easy replacement of a VCU should the need arise.
- Range Test Mode – The RICO 24S can be easily placed into Range Test mode allowing the installer to test reception on the Valve Control Unit (VCU) in the field.

## Transmitter

- 433.92 MHz  $\pm$  20kHz
- Range (line of sight)  $\pm$  5 kms with standard rubber duck antenna (environmental conditions permitting).
- Range (line of sight) > 8 kms with external dipole antenna (environmental conditions permitting).
- BNC Connector coaxial cable connector

## **Power Supply**

- 12 V D.C. external transformer (supplied).
- Max current consumption 0.25 Amps
- Average current 50 mA

## **Environment**

- Housing is splashproof
- Operating Temperature –10 Celcius to +70 Celcius

## **Physical**

- Dimensions of housing 157mm x 140mm x 60mm (not including antenna).
- Antenna length including BNC connector 162mm.
- Weight (including antenna) 500g.

NOTE – Due to continuous improvements and developments Remconix cc reserves the right to change without prior notice any of the above-mentioned properties of the product.