

SINGLE MOTOR WATER LEVEL CONTROLLER

Wasco is a Compact Smart Water Level Controller, able to manage a relay output of 30A Over wireless communication.

- Wasco Wireless Range has two variants, One support upto 50 Meters and another support upto 300 Meters.
- Wasco Base Unit has 3 Digital I/O and a Relay Output which can able to provide output to any PLC or other system as per customization.
- Wasco Transmitter Unit has 4 Digital Input. Tx Unit is IP65 Grade UV protected ABS Material.
- Customized Application as per Client's Requirement. Open to integrate in any platform
- Ultra Low Power Application upto 10 Years* of Battery Life in many Application.
- Saving Cost reducing external Wiring Supply
- DIN Rail Mounting for Any Panel Use

(* - With No Sensor , 2 Signal Transmit Per Day , 2.4 Ghz Unit)

Use Cases

- Smart Water Monitoring Systems
- Smart Agriculture
- Smart Liquid Management
- Priority Based Pump Operation
- Simultaneous Pre Programmed Pump Operations

Receiver Unit:



Transmitter Unit:



WASCO



parks and gardens



Golf



Resorts



Smart Agriculture



Benifits & Key Features

- Save Water, Save Energy, Save Money
- Fully water level controller is designed with advance microprocessor based technology with industrial grade enclouser and din rail mount facility.
- Dry run protection by sensing underground tank level sensing.
- 230VAC input and 1 x Potential Free Output(30A Relay)
- High and Low level indication for overhead tank
- Auto/Manual Fuction For Each Motor
- Modes:(On Start Of Device LED Blink To See Mode Status)
 - Mode1: Normal Water Level
 - Mode2: Auto Cut Off Sampling
- Side Auto Manual Switch- For Bypass system in case of failure
- Front Start-Stop Switch will Operate Pump Start Mauully and Stop Automatically
- IP65 Protected Battery/SMPS Based Powered Upper Unit as per Customer's Requirement

Installation Video



Technical Features

COMMUNICATION	Frequency.....2.4GHZ / 433Mhz / 868 Mhz Range.....Upto 50 Meters / Upto 300 Meters Communication Type.....Simplex Method Paring Type.....1-Tx to Many-Rx/ 1-Rx to Many-Tx
POWER SUPPLY	Type-Transmitter.....2x AA Battery /4x AA Battery / SMPS Voltage.....DC 3.3V Type- Receiver.....AC-230V
MECHANICAL FEATURES	Transmitter: Dimensions.....150x120x55mm Weight-Transmitter.....300g IP Class.....IP67 Housing Material.....ABS Senser Voltage.....3V3 No of Sensers.....Upto Six /Default Three Sensor Type.....Carbon / Magnetic Float Sensor Configuration.....Normally Open Digital Pin / Analog Pin IO.....2 DIO Receiver/ Base Controller Unit: Dimensions.....130x105x60mm Weight-Transmitter.....500g Housing Material.....ABS Senser Voltage.....3V3 No of Sensers.....Upto Six /Default Three Sensor Type.....Carbon / Magnetic Float Sensor Configuration.....Normally Open Digital Pin / Analog Pin IO.....2xDIO Relay Output.....1 x 30A NO/NC Switch Operation.....1 x Input Switch External DC Voltage.....3v3 Upto 500mA Low Battery Indicator.....Yes
ENVIRONMENTAL FEATURES	Operating Temperature.....[-10/+50 °C] Storage Temperature.....[-15/+55 °C] UV Protection.....YES(Transmitter)