

# WIRELESS SWITCH CONTROLLERS



**Eliminate the cost of installing and maintaining wires between any switch and the device it controls.**

## KEY FEATURES

Radio Frequency	<b>2.4Ghz</b>
RF Input/Output Impedance	<b>50 OHM NOMINAL</b>
Transmitter/Receiver Code Matching	<b>FACTORY SET</b>
Wire Connection	<b>TERMINAL BLOCKS</b>
Operating Temperature	<b>-10 TO 130°F (-23 TO 54°C)</b>
Enclosure	<b>NEMA 6 / IP 67</b>

- Wireless Bridge Between Dry-contact Switch & Relay Controller
- Sold As Transmitter/Receiver Factory Match Set: No Field Programming
- Up To 1000 Feet Typical Transmit/Receive Distance (Line-of-Sight)
- License Free Point-to-point Radio Operation
- Microprocessor Sleep Function Provides Long battery Life
- Any Dry-Contact Flow or Level Switch Will Activate and Send Signals
- Connect Two Level Switches For Pump Up or Pump Down Operation
- Relay Board Features User Selectable Latching or Non-Latching Option
- Switch Transmitter Board Can Be Hard wired or Battery Powered
- Relay Board Can Be 15-24 Vdc or 120/240 Vac Powered
- Point-to-point Operation Via Standard 2.4 GHz License Free ISM Band
- Provides Two Independent Switch/Relay Control Circuits.
- 15 Amp, 120/240 Vac Relay Capacity For Switching Pump, Motor or Valve
- RF Strength Meter Aids In Finding Optimum Installation Location
- Low Battery LED Indicates Switch Transmitter Battery Needs Replacing

## REGULATORY APPROVALS

Regulatory: FCC Part 15 (No license required)  
 FCC(USA): OUR-XBEEPRO  
 IC (Canada): 4214A-XBEEPRO

This enclosed device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (i.) this device may not cause harmful interference and (ii.) this device must accept any interference received, including interference that may cause undesired operation.

## REGULATORY APPROVALS

### SWITCH TRANSMITTER SPECIFICATIONS

Input Signal: Dry-Contact Switch (2 Ea.)  
 RF Power Output: 63mW  
 RF Data Rate: 250 Kbps

### OPERATING POWER

Hard Wired DC Supply: 9-24Vdc @ 300mA  
 Battery Powered: 3V, Alkaline C-cells (3 Ea.)

### RELAY RECEIVER SPECIFICATIONS

Receive Sensitivity: -100 dBm

### OPERATING POWER

Hard Wired DC Supply: 15-24Vdc @ 500mA  
 Hard Wired AC Supply: 120/240VAC 50/60Hz @ 12 Watts

### CONTROL RELAYS

Relay 1: SPDT, 15A 120/240VAC  
 Relay 2: SPDT, 10A 120/240VAC  
 Latching/Non-latching: User Selectable  
 For Pump Up/Pump Down Liquid Level Control



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