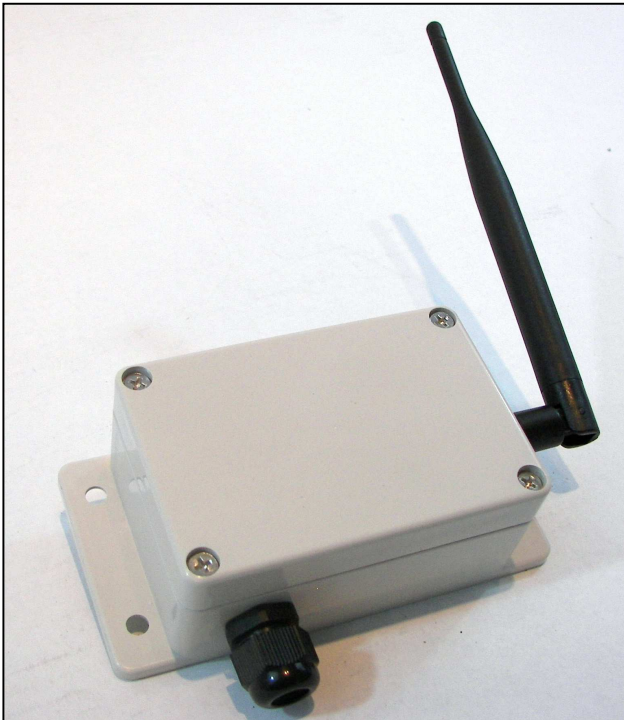




Series: **WCS900-MS**

Wireless Remote Control Transmitter/Receiver Matched Set



FEATURES & BENEFITS

- Up to 6 Miles Remote Control Operation
- Connect Switches or PLC To Activate
- Control Up To 4 Remote Devices
- Transmitter Displays Status of Remote Relays
- Weatherproof NEMA 4X Rated Enclosures
- Pre-configured, Ready-To-Operate
- Available With 5, 10 or 30 Amp Relays
- 2-Way Communication with Verification

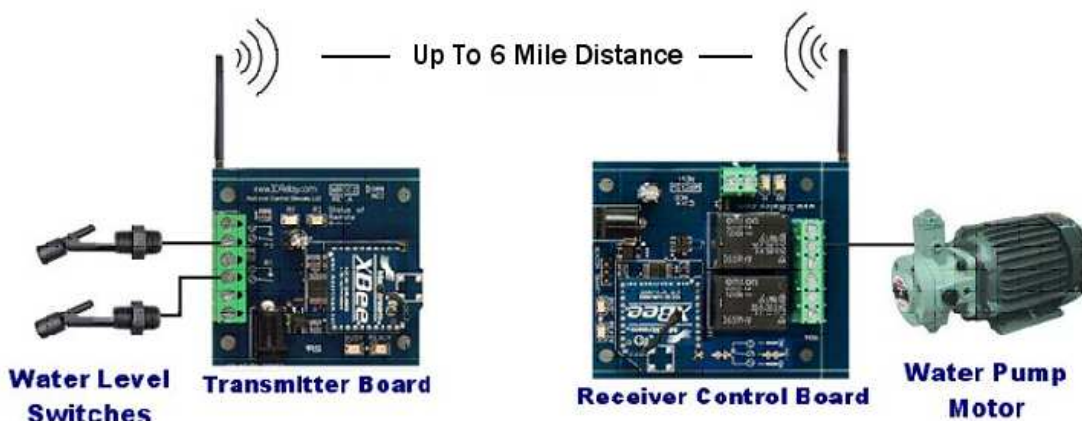
APPLACATIONS

- Tank Monitoring or Water Level Alarm
- Process Controls, Instrumentation
- Level & Flow Control & Irrigation Systems
- Water Pump & Valve Motor Control

DESCRIPTION

WCS900-MS - Wireless Remote-Control System allows for remotely activating equipment from a distance of up to 6 miles using wireless 2-way communication. The transmitter is equipped with contact closure inputs, used to control relays on the receiver unit. Models are available with 5, 10 or 30 Amp mechanical relays. Transmitter can be activated with dry-contact switches or connected to a PLC for automated control. Approved for use in USA, Canada.

Application Example: Float Switches Controlling a Water Pump



General Specifications

Radio Frequency: 900Mhz
RF Power Output: 100mW
RF Output Impedance: 50 Ohm nominal
Regulatory: FCC Part 95 (No license required)
Transmitter/Receiver Code Matching: Factory set

Transmitter Specifications

Transmit Time: 250ms
Switch Connection: Terminal Blocks
Activation: Dry-contact (Push-button, switch, relay)
Operating Power: 12V DC or 12V AC
Operating Temperature: -10 to 130 °F (-23 to 54 °C)
Enclosure: Plastic, NEMA 4, 4x (IP66)

Available Models (For USA/Canada Only)

Model Number	Control Lines	Relays
WCS900-MS-1-5A	1	5A SPDT (1 EA.)
WCS900-MS-2-5A	2	5A SPDT (2 EA.)
WCS900-MS-4-5A	4	5A SPDT (4 EA.)
WCS900-MS-1-10A	1	10A SPDT (1 EA.)
WCS900-MS-2-10A	2	10A SPDT (2 EA.)
WCS900-MS-4-10A	4	10A SPDT (4 EA.)
WCS900-MS-1-30A	1	30A SPST (1 EA.)
WCS900-MS-2-30A	2	30A SPST (2 EA.)
WCS900-MS-4-30A	4	30A SPST (4 EA.)

Each set includes: wireless transmitter/wireless control receiver matched set with two NEMA 4X enclosures and two antennas, 2 antenna extension cables.

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Note: Continued product improvements make specifications subject to change without notice.
 Check www.imagineinstruments.com for the latest product information and updates

Released: 1 March, 2014 :: Rev: B

Series: **WCS900-MS**

Receiver/Controller Specifications

Control Relay Outputs: see model table
Control Connection: Terminal Blocks
Operating Power: 12V DC or 12V AC
Operating Temperature: -10 to 130 °F (-23 to 54 °C)
Enclosure: Plastic, NEMA 4, 4x (IP66)

Regulatory Approvals

FCC(USA) MCQ-XBEEEXSC
 IC (Canada) 1846A-XBEEEXS

Wireless Transmitter/Receiver Board Set Example

