



Din-rail Wireless Remote Control System



FEATURES & BENEFITS

Provides Wireless Bridge Between Switch & Relay Activate Transmitter with Any Dry-contact Switch Models Available With 1, 2 or 4 Control Lines Up To 6 Mile Line-of-site Transmit/Receive Distance Receiver Provides Open-collector Control Output Powered By 12-24V DC Supply Easy To Install Din-rail Style Enclosures Pre-configured, Ready-To-Operate Sold As Transmitter/Receiver Matched Set License Free Radio Operation

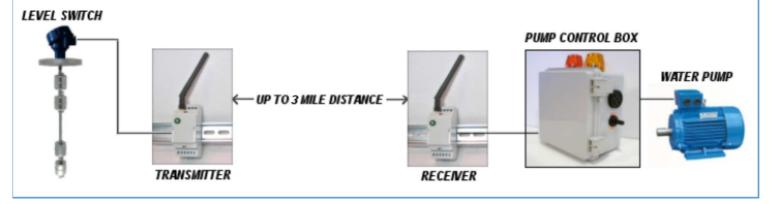
APPLACATIONS

Pump or Motor Control Valve Activation Gate or Lighting Control

DESCRIPTION

The DRWC-900 Series Wireless Remote Control System allows for remotely activating equipment from a distance of up to 6 miles away using license free wireless communication. The transmitter is equipped with up to four contact closure inputs that are used to control open-collector outputs on the receiver unit. Models are available with 1, 2 or 4 control lines. Transmitter can be activated with dry-contact switches or connected to a PLC for automated control.

Example Application: Wireless Level Switch Providing Pump Control & Hi - Lo Limit Alarms



General Specifications

Radio Frequency: ISM 900 MHz Regulatory: FCC Part 95 (No license required) Control Lines: 1, 2 or 4 Antenna Connection: RP-SMA Antennas: 5 dbi, Omni-directional (Included) Transmit/Receive Distance (with Included antennas) Indoor/Urban 1000ft, Line-of-site 3 Miles Transmit/Receive Distance (with optional antennas) Indoor/Urban 1600ft, Line-of-site 6 Miles Transmitter/Receiver Code Matching: Factory set Wire Connection: Terminal Blocks Operating Temperature: -22 to 113 °F (-30 to 45 °C) Enclosures: Din-rail mount (35mm), ABS/PC Blend Plastic

Transmitter Specifications

RF Power Output: 100mW RF Output Impedance: 50 Ohm nominal RF Data Rate: 10 Kbps Operating Power 12 - 24V DC @ 2W max Input Type: Dry-contact

Receiver/Control Specifications

Receive Sensitivity: -100 dBm Operating Power: 12 – 24V DC @ 3W max Control Output: Open-collector, 12-24V DC, 1.2W Max



Includes Antenna Extension Cables

Regulatory Approvals

FCC(USA) - MCQ-XBEEXSC IC (Canada) - 1846A-XBEEXSC

Model Number	Description	Control Lines
DRWC-900-1	Wireless Remote Control Transmitter/Receiver Set	1
DRWC-900-2	Wireless Remote Control Transmitter/Receiver Set	2
DRWC-900-4	Wireless Remote Control Transmitter/Receiver Set	4

Available Options

Model Number	Description
DRWC-900-LRANT	Optional Long Range Antenna Set (up to 6 miles line-of-site)

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

© 2016 :: Imagine Instruments LLC :: 4500 Williams Drive, Ste 212-318 :: Georgetown, TX 78633 :: p. 512.778.6850 e-mail: info@imagineinstruments.com :: www.imagineinstruments.com

Released: 7 May, 2016 :: Rev: B

Available Models

Series: DRWC-900