Series: WXL-ME



Remote-Control Switch Transmitter/Relay Receiver



FEATURES

Wireless Bridge Between Switches & Relays
Supervisory "Low Power" & "RF Loss" Alarms
Activate Transmitter with Any Dry-contact Switch
Models Available With 1, 2 or 4 Control Lines
Up To 6 Miles Line-of-site Operating Distance
Receiver Provides SPDT Mechanical Relays
Transmitter Powered by Battery or DC Supply
NEMA 4, 4X Anodized Aluminum 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

The WXL-ME Series Wireless Industrial Remote-Control System for remotely activating equipment from a distance up to 6 miles away using license free wireless communication. Units are activated with dry-contact switches or connected to a PLC for automated control.

SWITCH TRANSMITTER



The WXL-ME Series Switch Transmitter features up to 4 dry-contact inputs that activate relays of the receiver unit. The unit also sends supervisory system data to the receiver

RELAY RECEIVER



The WXL-ME Series Receiver features up to 4 control relays. The unit also provides an Alarm output for Transmitter low power or RF signal loss.

WXL-ME-24 General Specifications

Radio Frequency: 2.4Ghz

Regulatory: FCC Part 95 (No license required)

Control Lines: 1, 2 or 4 **Antenna Connection:** RP-SMA

Antennas: 5dbi, Omni-directional (Included)

Transmit/Receive Distance:

with included antennas: Indoor/Urban 100', Line-of-site 600'. with optional antennas: Indoor/Urban 300', Line-of-site 1 Mile.

Transmitter/Receiver Code Matching: Factory set

Wire Connection: Terminal Blocks

Operating Temperature: -22 to 130 °F (-30 to 54 °C) **Enclosures:** NEMA 4, 4X, Anodized Aluminum

WXL-ME-24 Transmitter Specifications

RF Power Output: 63mW

RF Output Impedance: 50 Ohm nominal

RF Data Rate: 250 kbps

Operating Power 11 - 14V DC @ 2W max Control Input Type: Dry-contact Switch

Receiver/Control Specifications

Receive Sensitivity: -100 dBm

Operating Power: 11 - 14V DC @ 3W max Control Output: Relay, SPDT, 250V, 3 Amp Max

WXL-ME-900 General Specifications

Radio Frequency: 900 MHz

Regulatory: FCC Part 95 (No license required)

Control Lines: 1, 2 or 4
Antenna Connection: RP-SMA

Antennas: 7dbi, Omni-directional (Included)

Transmit/Receive Distance:

with included antennas: Indoor/Urban 1000', Line-of-site 3 Miles. with optional antennas: Indoor/Urban 1600', Line-of-site 6 Miles.

Transmitter/Receiver Code Matching: Factory set

Wire Connection: Terminal Blocks

Operating Temperature: -22 to 130 °F (-30 to 54 °C) **Enclosures:** NEMA 4, 4X, Anodized Aluminum

WXL-ME-900 Transmitter Specifications

RF Power Output: 100mW

RF Output Impedance: 50 Ohm nominal

RF Data Rate: 10 kbps

Operating Power 11 - 14V DC @ 2W max Control Input Type: Dry-contact Switch

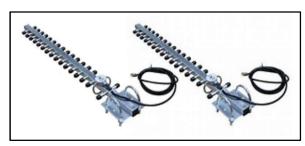
Receiver/Control Specifications

Receive Sensitivity: -106 dBm

Operating Power: 11 - 14V DC @ 3W max Control Output: Relay, SPDT, 250V, 3 Amp Max Series: WXL-ME



Includes Antennas & Antenna Extension Cables



Optional Long-Distance Antenna Set



Enclosures Include Mounting Feet

Regulatory Approvals

WXL-ME-24

FCC(USA) - OUR-XBEEPRO IC (Canada) - 4214A-XBEEPRO

WXL-ME-900

FCC(USA) - OUR-XBEEPRO IC (Canada) - 4214A-XBEEPRO

Series: WXL-ME

Available 2.4 GHz Models (Up to 1 Mile Operation)

Model Number	Description	Control Lines
WXL-ME-24-1	1-Line Remote-Control Transmitter/Receiver Set	1
WXL-ME-24-2	2-Line Remote-Control Transmitter/Receiver Set	2
WXL-ME-24-4	4-Line Remote-Control Transmitter/Receiver Set	4

Available 900 MHz Models (Up to 6 Mile Operation)

Model Number	Description	Control Lines
WXL-ME-900-1	1-Line Industrial Wireless Remote-Control Transmitter/Receiver Set	1
WXL-ME-900-2	2-Line Industrial Wireless Remote-Control Transmitter/Receiver Set	2
WXL-ME-900-4	4-Line Industrial Wireless Remote-Control Transmitter/Receiver Set	4

Available Options

Model Number	Description
DRWC-24-LRANT	Optional 2.4 GHz Long-Range Directional Antenna (up to 1 Mile line-of-site)
DRWC-900-LRANT	Optional 900 MHz Long-Range Directional Antenna (up to 6 Mile 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

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