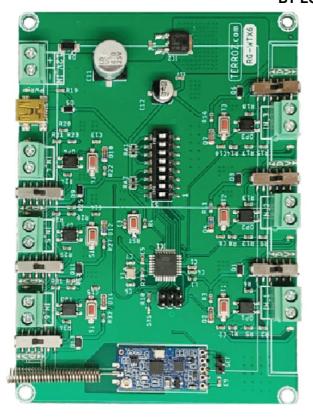


LobiBox K-SIG 6 Channel Wireless Transmitter and Receiver User Guide

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K-SIG BY LOBIBO





6 CHANNEL WIRELESS TRANSMITTER & RECEIVE



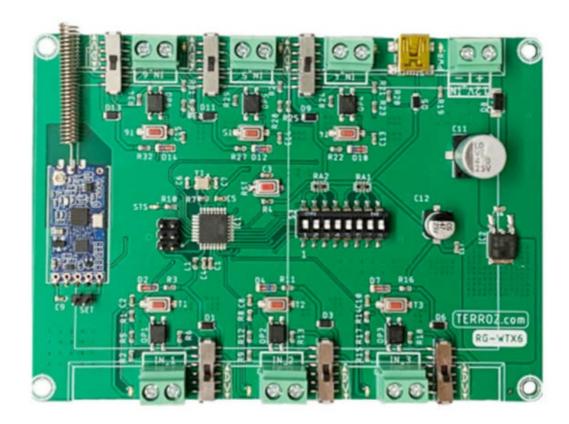
APRIL 26 2022 Introducing the newest line of products by LobiBox. Chris Pryor – Technical Specialist

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TRANSMITTER - 6-CHANNEL WIRELESS

Part #: KSIG-WLS-TX



1. Addressable Dip Switch: Set the Receiver to the same address

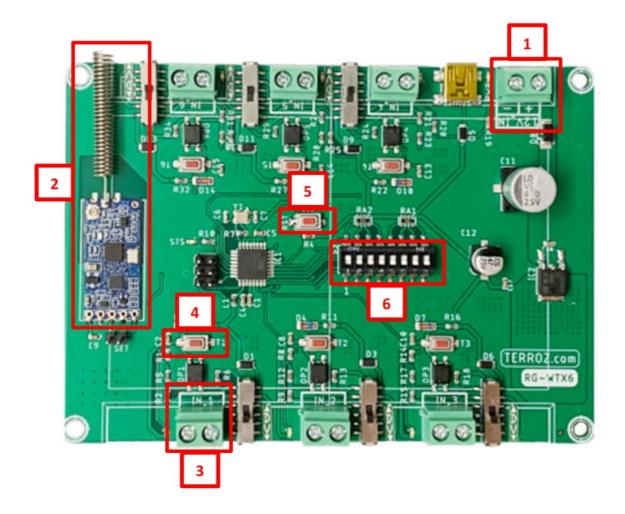
2. Inputs: Dry contact ONLY

3. Input Power: 12VDC to 24VDC

4. Line of Sight: 300 yards

- a. One mile (with extended range antenna)
- 5. Frequency: 433Mhz
- ** Do not place in metal containers unless antenna protrudes *

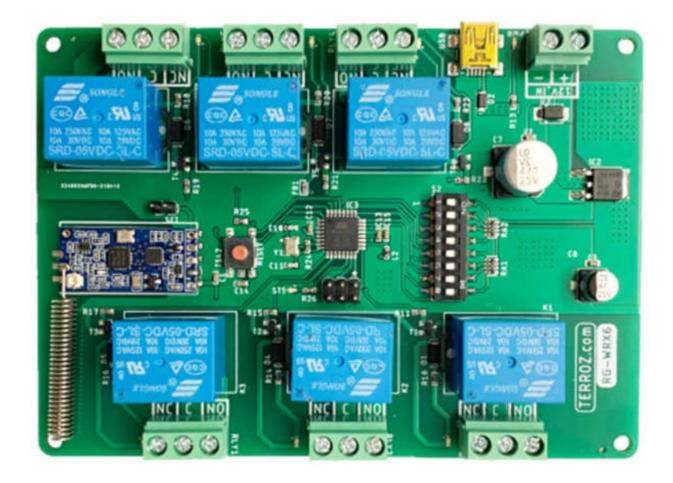
TRANSMITTER COMPONENT



- 1. Power
 - a. Power IN +
 - b. Power IN -
- 2. Antenna
 - a. U.FL connector
- 3. Output from your device (IN 1 IN 6)
 - a. Motion, Beam, Switch, etc.
- 4. Input Trigger Test Button
- 5. Reset Button
- 6. Addressable Dip Switch

RECEIVER – 6-CHANNEL WIRELESS

Part #: KSIG-WLS-RX6



1. Addressable Dip Switch: Set Transmitter to the same address

2. Outputs: Contact Rating - 250VAC 10A/28VDC 10A

a. Form C Relays (Common, Normally Open, Normally Closed)

3. Input Power: 12VDC to 24VDC

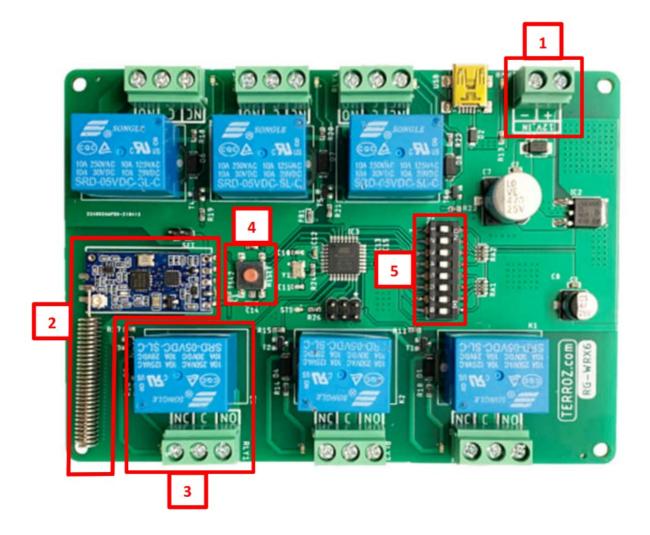
4. Line of Sight: 300 yards

a. One mile (with extended range antenna)

5. Frequency: 433Mhz

** Do not place in metal containers unless antenna protrudes **

RECEIVER COMPONENTS



- 1. Power
 - a. Power IN +
 - b. Power IN -
- 2. Antenna
 - a. U.FL connector
- 3. Form C Relays (RLY 1 RLY 6)
 - a. Common (C)
 - b. Normally Close (NC)
 - c. Normally Open (NO)
- 4. Reset Button
- 5. Addressable Dip Switch

ANTENNA COMPONENTS (OPTIONAL)

3dbi Antenna Kit

Part #: KSIG-ANT-3DBI



- (2) U.FL to Female SMA Cable
- Cable Length: 14cm
- (2) 3dbi Antenna
- 300-500m line of sight

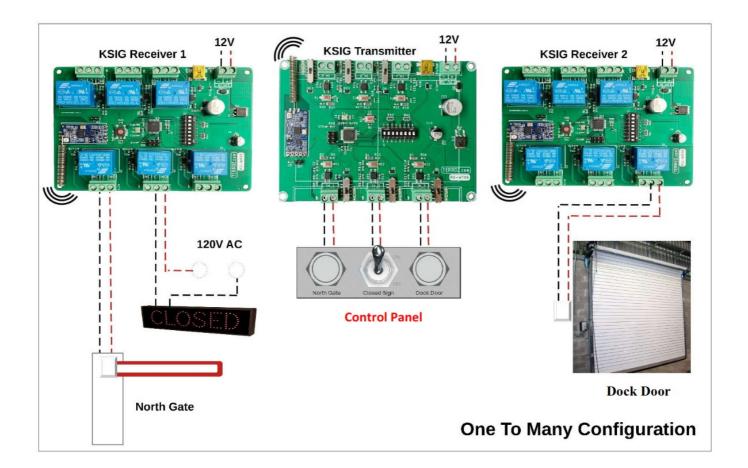
10dbi Antenna Kit

Part #: KSIG-ANT-10DBI



- (2) U.FL to Female SMA Cable
- Cable Length: 300cm
- (2) 10dbi Antenna
- 500-900m line of sight

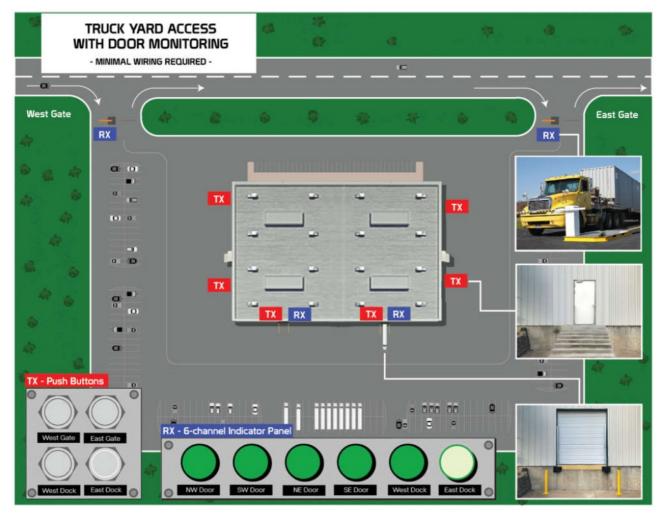
USE CASE 1



- Control Panel
 - o Transmitter will send a signal to Receiver 1
- Use the push button to open North Gate.
- Use on/off switch for Closed Sign.
 - o Transmitter will send a signal to Receiver 2.
- Use the push button to open the Dock Door.

USE CASE 2

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Gate (East & West)

- o Gates connected to camera or intercom system.
- o Gates connected to Push buttons from Transmitter.
- o, Push buttons (Transmitter) will send a signal to the Receiver to open the gate.
- Doors (NW, SW, NE, SE)
 - o Door Transmitters connected to door contact.
 - o Transmitter will send a signal to Indicator Panel connected to the Receiver that the door is open.
- Docks (East & West)
 - o Dock Transmitters connected to a motion sensor.
 - o Motion sensor (Transmitter) will send a signal to Indicator Panel connected to Receiver
 - o Docks connected to Push buttons from Transmitter.
 - o, Push buttons (Transmitter) will send a signal to the Receiver to open the door.



Documents / Resources



LobiBox K-SIG 6 Channel Wireless Transmitter and Receiver [pdf] User Guide KSIG-WLS-TX6, K-SIG, 6 Channel Wireless Transmitter and Receiver, K-SIG 6 Channel Wireless Transmitter and Receiver

Manuals+,