



# **K-SIG BY LOBIBOX**

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## **6 CHANNEL WIRELESS TRANSMITTER & RECEIVER**

**APRIL 26 2022**

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**Introducing the newest line of products by  
LobiBox.**

**Chris Pryor – Technical Specialist**

**K-SIG**  
By LobiBox

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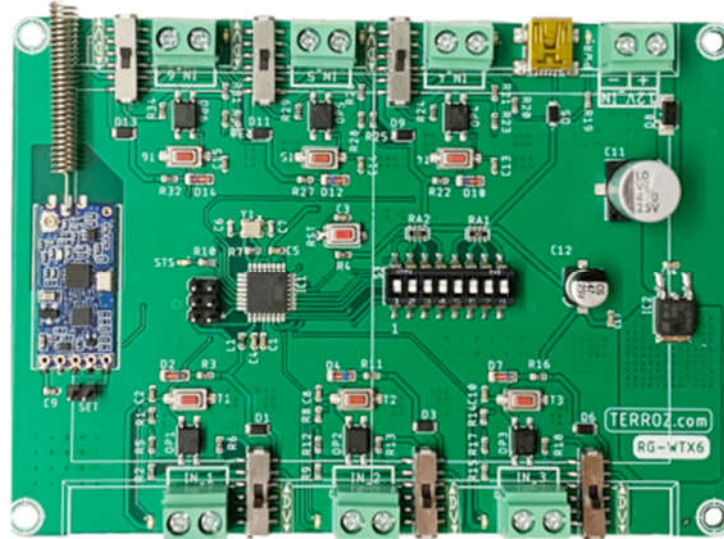
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## TRANSMITTER – 6 CHANNEL WIRELESS

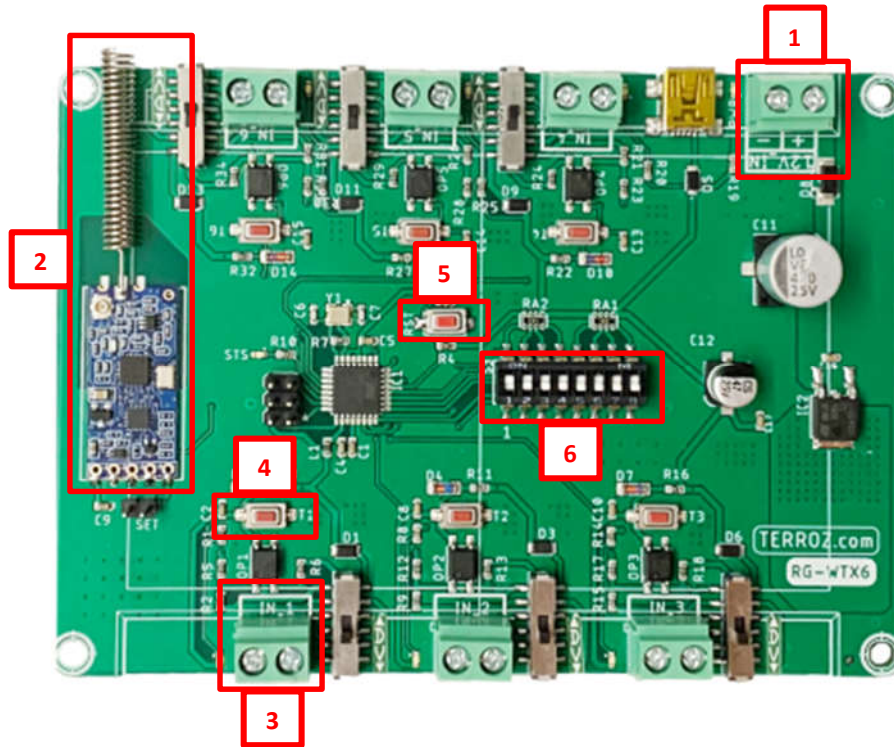
Part #: KSIG-WLS-TX6



1. Addressable Dip Switch: Set Receiver to 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 COMPONENTS

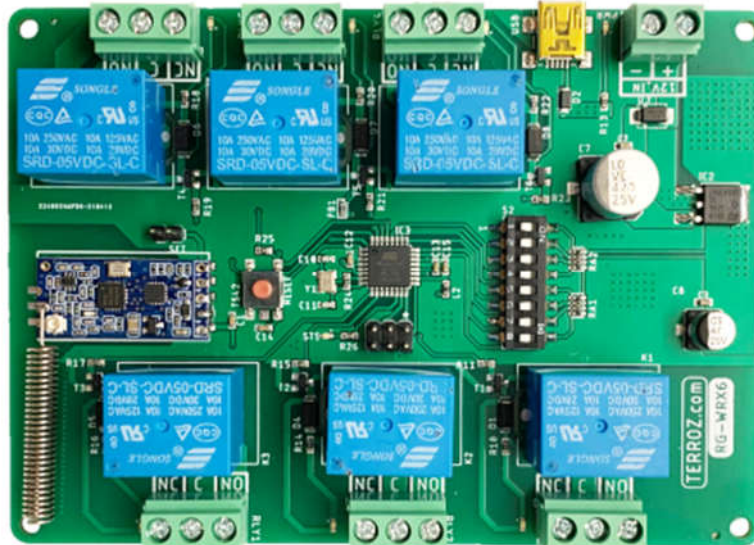


1. Power
  - a. Power IN +
  - b. Power IN -
2. Antenna
  - a. U.FL connector
3. Output from your device (IN 1 – IN 6)
  - a. Motion, Beam, Switch, etc.
4. Input Trigger Test Button
5. Reset Button
6. Addressable Dip Switch

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## RECEIVER – 6 CHANNEL WIRELESS

Part #: KSIG-WLS-RX6

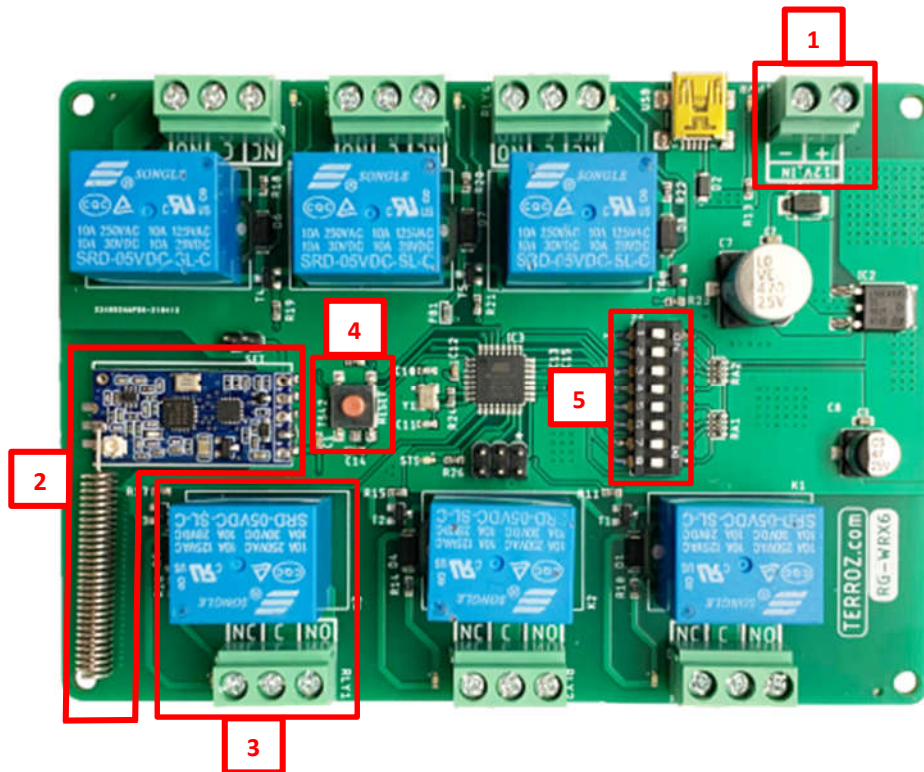


1. Addressable Dip Switch: Set Transmitter to same address
2. Outputs: Contact Rating – 250VAC 10A/28VDC 10A
  - a. Form C Relays (Common, Normally Open, Normally Close)
3. Input Power: 12VDC to 24VDC
4. Line of Sight: 300 yards
  - a. One mile (with extended range antenna)
5. Frequency: 433Mhz

**\*\* 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

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## 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

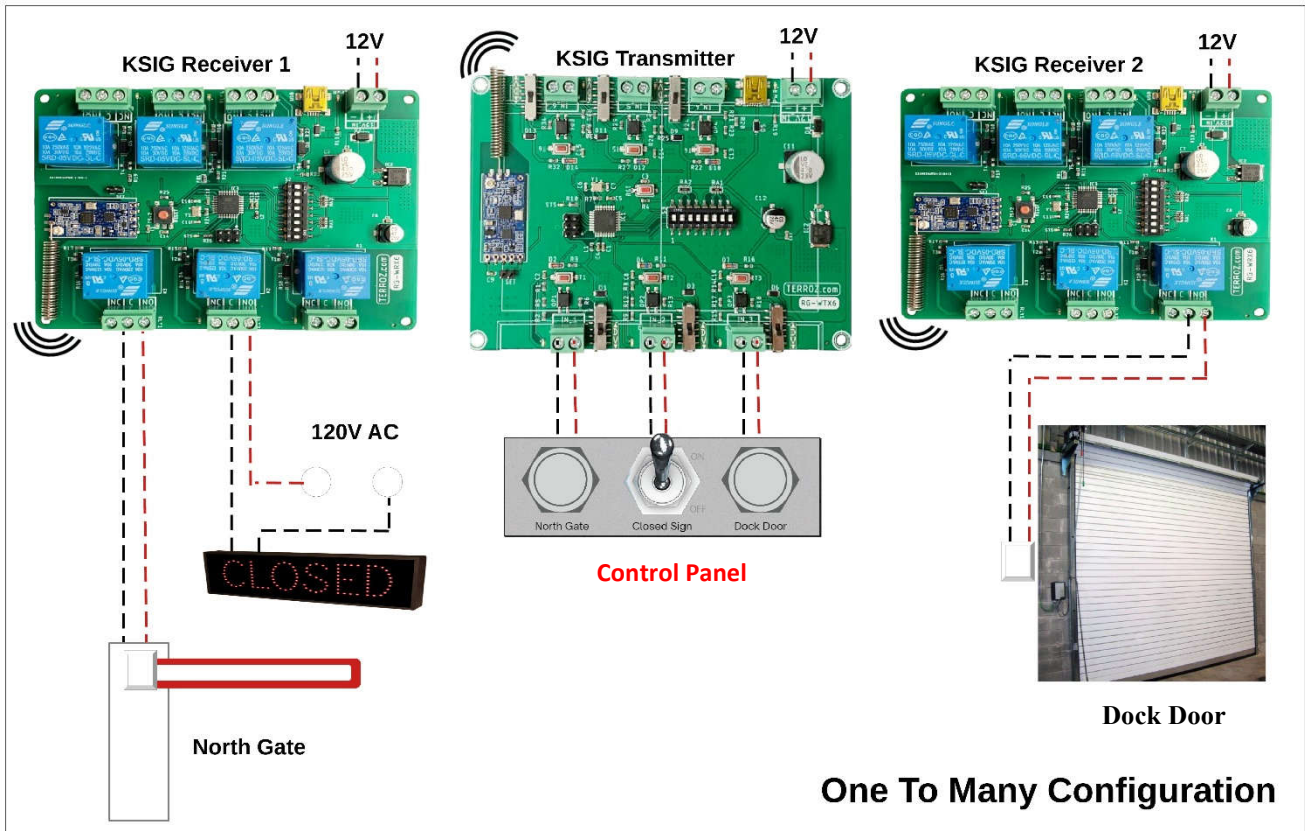
### 10dbi Antenna Kit

Part #: KSIG-ANT-10DBI



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

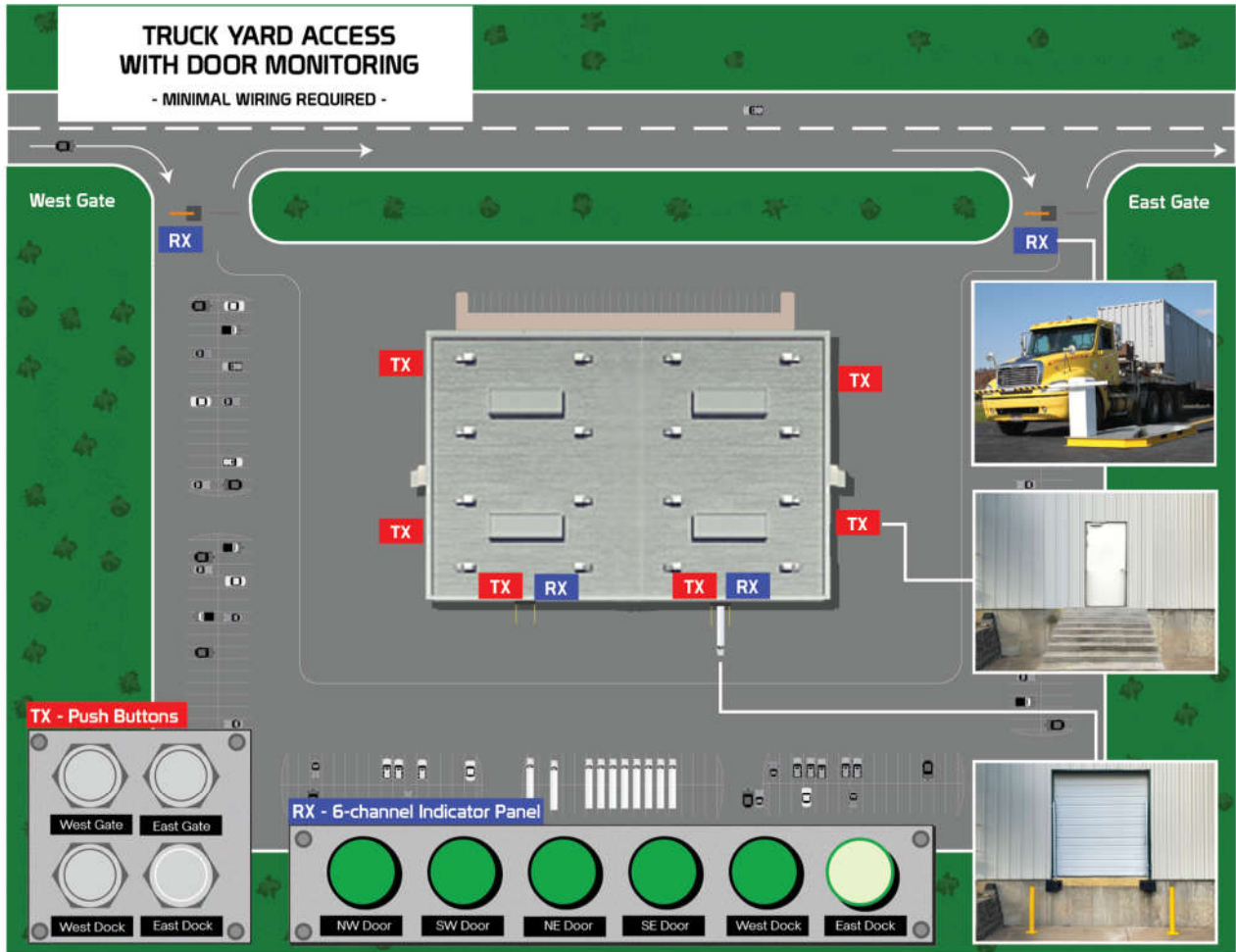
## USE CASE 1



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



## USE CASE 2



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

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- Motion sensor (Transmitter) will send signal to Indicator Panel connected to Receiver
  - Docks connected to Push buttons from Transmitter.
  - Push buttons (Transmitter) will send signal to Receiver to open door.