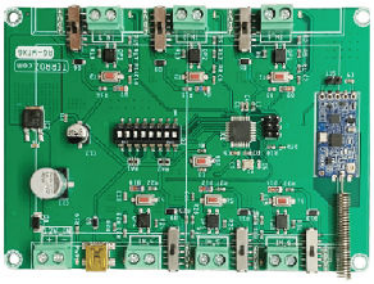
LobiBox

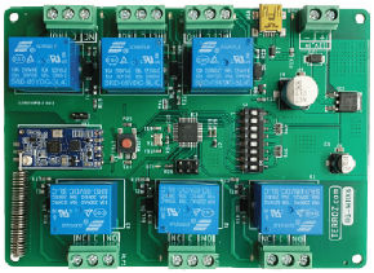
PRODUCT DATASHEET

K-SIG Wireless Relay Boards

LB-WLS-TXRX6



Transmitter
6 selectable inputs



Receiver
(6) Form C relay outputs

6-Channel Wireless Transceiver

Remote Monitoring & Control

K-SIG 6-Channel Wireless Relay Boards give you reliable, flexible remote monitoring and control. A matched transmitter and receiver pair sends six independent signals wirelessly, linking devices across a property without running new cable.

Addressable with up to 256 unique addresses, the receiver has (6) Form C relay outputs rated up to 250VAC / 28VDC at 10 Amps. The transmitter accepts dry contact or 3–24VDC inputs from most sensors and devices.

Key Features

6 Wireless Channels
Six independent channels pair each transmitter input to a receiver output.

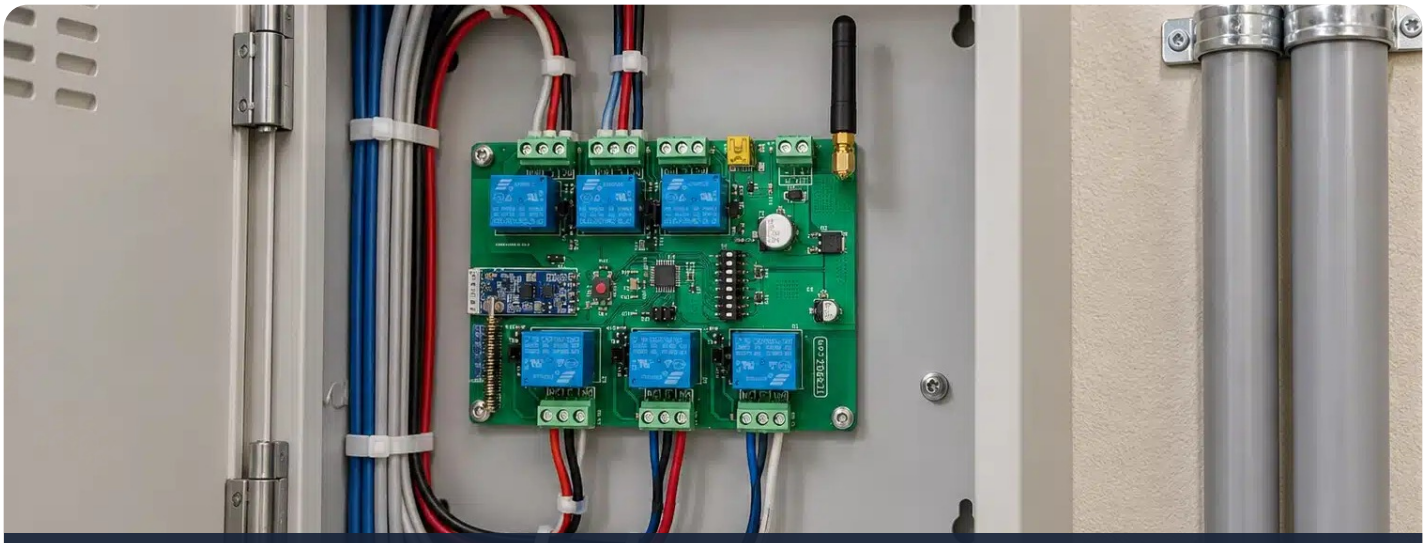
256 Unique Addresses
DIP-switch addressing lets multiple pairs work side by side.

Form C Relay Outputs
Six relays (C / NO / NC) rated 250VAC / 28VDC at 10 Amps.

Flexible Inputs
Selectable dry contact or 3–24VDC voltage inputs on every channel.

433 MHz Long Range
About 1,500 ft line of sight, or 200 ft indoors.

Simple Power Options
12VDC terminal block or 5VDC USB connection, 1 Amp.



COMMON APPLICATIONS Alarm Points • Power Sources • Equipment Status • Signs & Alerts • Parking Equipment • Remote Machines

Technical Specifications

LobiBox

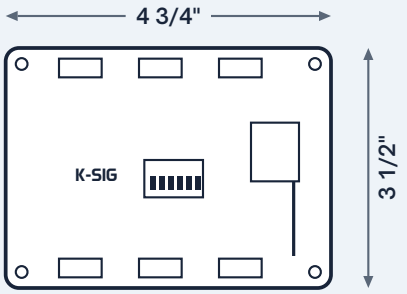
TRANSMITTER	
CHANNELS	6 wireless inputs
INPUT TYPE	Selectable Dry Contact or 3–24VDC
CONTROLS	Input trigger test button / Reset button

RECEIVER	
OUTPUTS	(6) Form C relays
RELAY CONTACTS	Common / Normally Open / Normally Closed
CONTACT RATING	250VAC 10A / 28VDC 10A
CONTROLS	Reset button

WIRELESS & ELECTRICAL	
FREQUENCY	433 MHz
RANGE	Approx. 1,500 ft line of sight 200 ft indoors
ADDRESSING	Up to 256 unique addresses (DIP switch)
POWER IN	12VDC 1A – Terminal Block 5VDC 1A – USB Connection
ANTENNA CONNECTOR	U.FL

PHYSICAL	
SIZE	4.75"H x 3.5"W x 0.75"D (each board)
WEIGHT	0.3 lb (each board)

Board Dimensions



3/4" Depth • 0.3 lb each

Transmitter and receiver share the same board footprint.

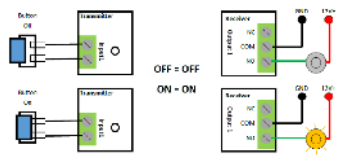
OPTIONAL ACCESSORY

3dBi Antenna Kit

KSIG-ANT-3DBI

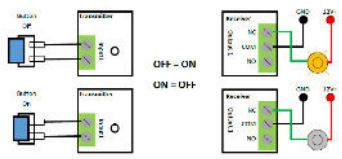
- (2) 3dBi antennas
- (2) U.FL to female SMA cables, 14 cm
- Extends range for difficult installs
- Mount antenna outside metal enclosures

Wiring Examples



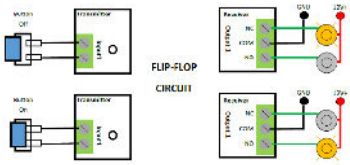
Normally Open

Output follows input (OFF = OFF, ON = ON)



Normally Closed

Output is inverted (OFF = ON, ON = OFF)



Flip-Flop Circuit

One input alternates between two outputs

DOWNLOADS & SUPPORT

User Guide
Board components, addressing and setup

Wiring Guide
Example circuits for common applications

Schedule a Demo
See how K-SIG fits your next project

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