



# RS401PC-V30

## One Channel Wireless Intelligent Receiving Controller

### I. Overview

The RS401PC-V30 one channel wireless intelligent receiving controller designed and manufactured by our company is a relay output switching signal, which can meet the requirements of on-off switching of switches and various special control procedures. Mainly used in electric doors, windows, lifting equipment, gateways, lifts, industrial control and security industries.

The wireless receiving controller has the characteristics of high confidentiality, large storage capacity, stable performance, low power consumption, and is convenient to use, and does not need to adopt traditional jumper or dial switch coding, and only needs to transmit the wireless signal transmitted by the remote controller. The receiving controller receives and stores, and can be used together. If the learned remote control is lost during use, simply clear the information stored in the receiving controller, and the lost remote controller will not be able to remotely control the receiving controller. To regain the right to use, the owner must Re-learn once to use. There are three kinds of latching, momentary and interlocking in the output mode.

### II. Output Method

- 1、Signal momentary——short circuit block is inserted on 2 and 3
- 2、Signal interlocking——short circuit block is inserted on 1 and 2
- 3、Signal latching——The shorting block is inserted on 3 and 4 (the function is momentary when rolling code) (See "Wiring Diagram" for details.)

### III. Learning And Clearing Methods And Steps

Learning & fixed code:

Press "Learning" button on the receiver, release it until LED light flickers, Receiver in learning status (LED goes out this moment), then press related button on Remote control to monitor this Receiver. When LED on Receiver flickers 5 times and then goes out, it indicates Learning has been done. It can response to up to 30 Remote control of this mode.

If Remote control is lost and wanting to make it invalid totally, press "Learning" butt- on (more than 8s) until LED goes out, then Receiver will eliminate all contents auto- matically. If want to reuse it, just learning one more time again.

Rolling code:

Press "Learning" button on the Receiver, release it until LED light flickers, Receiver in First Learning status (LED goes out this moment), then press related button on Remote control to monitor this Receiver. If LED light is flickering, this indicates First Learning has been done; Release it and Receiver in Second Learning status (LED goes out), press the same button on Remote control, LED will flickers 5 times quickly, then goes out, this indicates Learning has been accomplished. It can response to up to 6 buttons on Remote control of this mode.

If Remote control is lost and wanting to make it invalid totally, press "Learning" button (more than 8s) until LED goes out, then Receiver will eliminate all contents automatically. If want to reuse it, just learning one more time again.

#### IV. Main Technical Indicators

- 1、 Working Voltage: DC12V/DC24V
- 2、 Working Temperature:  $-40^{\circ}\text{C}$  -  $+80^{\circ}\text{C}$
- 3、 Receiving Sensitivity:  $\geq -105\text{dBm}$
- 4、 Working Frequency: 315MHz~433MHz (Optional)
- 5、 Contact Current:  $\leq 10\text{A}$
- 6、 Capacity: 30(learning code and fixed code)6(rolling code)
- 7、 Size: 84mm\*41mm\*22.5mm

#### V. Wiring Diagram

