

RG1X Wireless Radio Frequency Dongle

User Manual

1. APPEARANCE



RS232 model

2. FEATURES

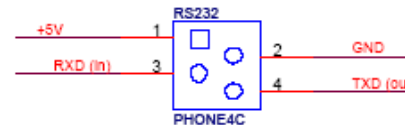
- ★ Carrier frequency: ISM frequency such as RG1M 433MHz.
- ★ communication ports RS-232
- ★ 64 communication channels, and can be extended to meet customers' needs.
- ★ Transmission speed: 9600bps.
- ★ Data format: 8N1.
- ★ Combined function of receive and dispatch, with half-duplex working mode.

3. TECHNICAL SPECIFICATIONS

- ★ Power supply: RS232 port
- ★ Working current: 30mA
- ★ Void distance: $RG1M \leq 100m$
- ★ Working temperature: $0^{\circ}C \sim 40^{\circ}C$
- ★ Working humidity: 5%~90%R.H.
- ★ antenna impedance: 50Ω
- ★ Operating frequency: 8MHz

4. INTERFACE DEFINITION

RS-232 Port Definition (4P4C)



	Port	Function
1	+5V	Power supply positive
2	GND	Power supply negative
3	RXD (in)	Data receive
4	TXD (out)	Data dispatch

5. ACCESSORIES

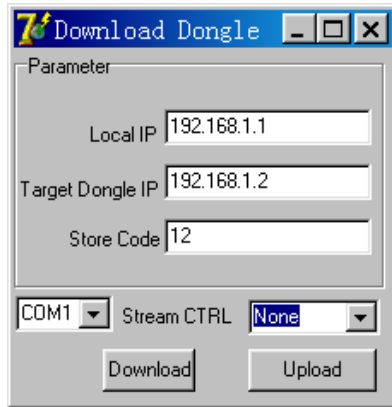
1. One RG1 wireless transceiver
2. One user manual and one CD
3. One RG1X wireless transceiver user manual.

Note: RS232 model should match with PC connection accessory (optional).

6. APPLICATIONS

RG1M:433MHZ is used in the field of far distance, such as the equipment connection of restaurant, factory, wharf and the connection between ECR and loadometer scale, the connection among the restaurant calling services equipment.

7. SOFTWARE SETUP



LOCAL IP: input the dongle's IP

Target Dongle IP: target IP, i.e. the equipment IP matches with it.

Store code: shop code

COM port: choose the COM port according to practice.

Stream CTRL: flow control, 'none' indicates no flow control, 'hard' indicates hardware flow control, 'Xon/off' indicates software flow control.

Note:

1. Click 'Download', if parameter setup success, system prompts 'download ok', please pull out and reinsert dongle; if system prompts 'fail', please check whether COM connection is correct or whether COM has been used by other equipment.
2. RS232 model should match with PC connection accessory (optional).

8 Notice: wireless signal will be effected by impediment (such as the wall of building) and people group, leading to short the communication distance, so please try best to avoid this situation.

This equipment has been tested and found to comply with the regulations for a Class B digital device, pursuant to Part 15 of the FCC Rules

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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