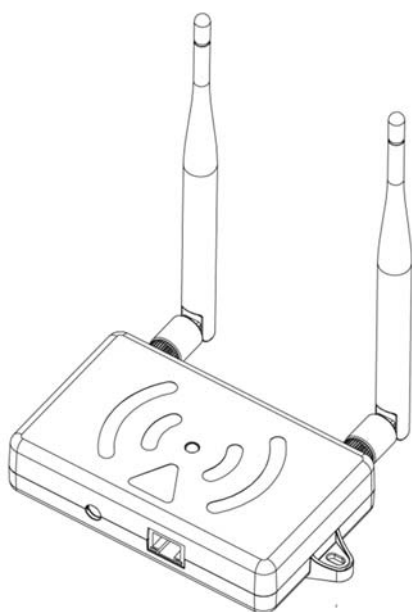
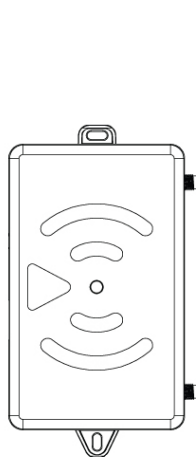


R102 Base Station

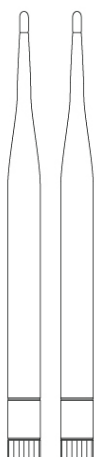
User Manual



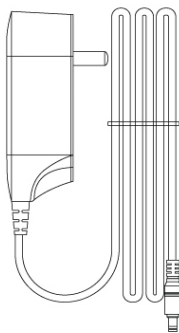
I. Product Introduction



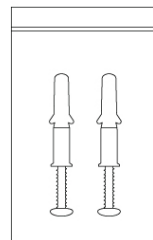
Base Station×1



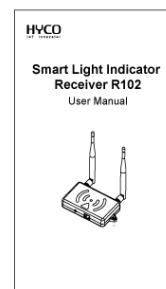
Antenna×2



Adapter×1



Screw×2



Manual×1

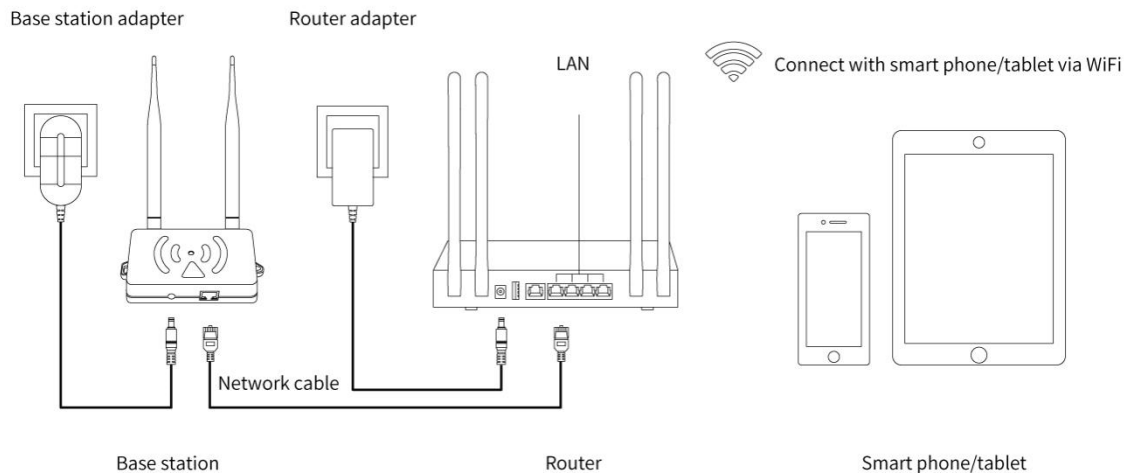
II. Specifications

Model	R102
Function	Ethernet/BT to 2.4G
Power Consumption	330mA@DC-5V/60mA@POE-48V
Size	140mm*79mm*27mm
Weight	135g
Power	POE (802.3af supported) or DC5.9V adapter
Interface Type	RJ45, DC-IN
LED Indicator	RGB indication for Ethernet and 2.4G and BT status
Ethernet Speed	10Mbps
RF standard	ISM 2.4GHz and BLE
Antenna	External high gain antenna ×2 and PCB antenna x1
IP Level	IP55
Working Temperature	-20 ~ 70℃
Working Humidity	≤80%, non-condensing

III. Installation

1. Connect via Ethernet:

Take the Base station parts out of the box. Connect the router through the network cable, and select the network of **the same router** to connect the tablet or mobile phone (as the picture below).

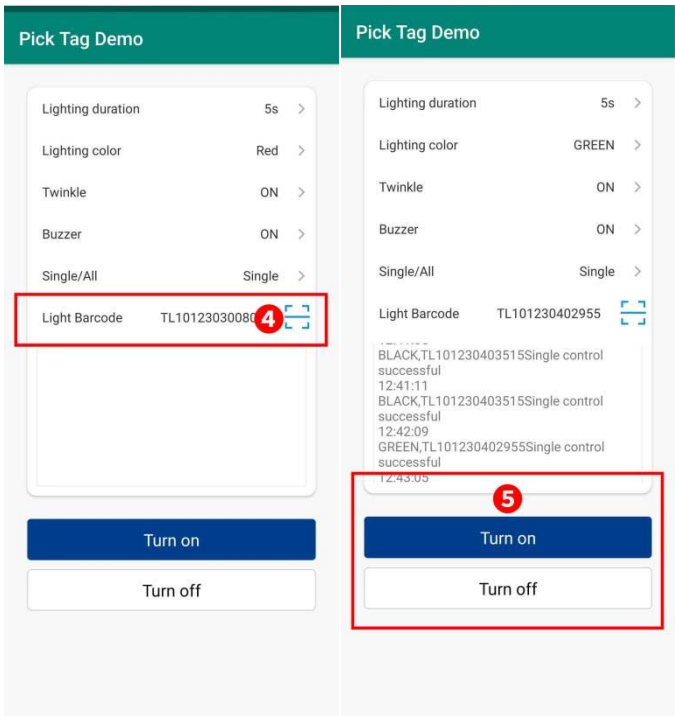
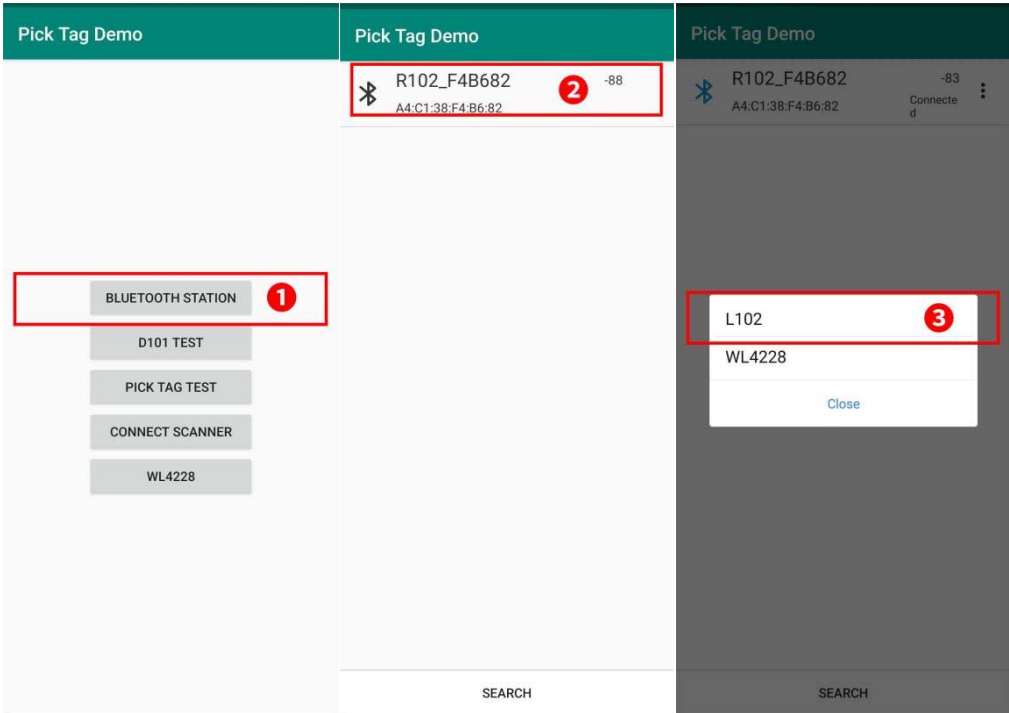


It is recommended to place the receiver at a high place close to the indicator light without shelter

2. Connect via Bluetooth:

Install **Pick Tag Demo APP** in the Android smart phone/tablet. Open the APP, click 'BLUETOOTH STATION' and search R102 base station at to match and connect via Bluetooth. After the connection completed, select and click the light tag such as 'L102' and find scanning button '[-]' at the homepage, and scan the S/N barcode or QR code on the indicator to bind, and then start light control.

*Download the Demo APP at <https://www.hycoiot.com/download/app-release.apk>



3. The three-color light of the receiver will be on after network cable connection finished. When the light keeps green, it means that the receiver is built and can be used normally.

Colour	Meaning
Red flash	Network cable not connected
Green stay	The base station obtained the IP address successfully
Blue stay	The base station connected BT master successfully

IV. Repairing

1. 1 year warranty for the main base station and 6 months warranty for the adapter and other parts.

(Free repair within 1 year, except for human causes)

2. Service email contact: global_sales@hycoiot.com

Caution

FCC :

■ This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (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.

■ This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

■ This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with a minimum distance of 20cm between the radiator and your body.

IC (ISED) :

■ This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil n' doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement respecte les limites d'exposition aux rayonnements ionisants fixées pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur et votre corps. Cet émetteur ne doit pas être localisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

Company Name: Lotwork Inc.

Address

FCC: 2009 Oxbow Ave. Ottawa ON K1H 5P1 Canada

IC: 2009 Oxbow Ave. Ottawa ON K1H 5P1 Canada