



Data Sheet

**kyCS PRO**™

## **Model: TTG-KP2**

Rectangle shape, waterproof case with 3M adhesive sticker and screws, including 4 x AA batteries.

## **Introduction**

The KYCS PRO (TTG-KP) is a very popular and modern iBeacon with BLE 4.0 technology; It is widely used in the retail advertising and indoor location-based service. KYCS PRO can be heard and interpreted by iOS and Android BLE-enabled devices that are equipped with many mobile apps.

## **FEATURES**

- Up to 5 years battery life time with 4pcs Li-Fe S2 replaceable battery
- The max. 300 meters advertising distance
- Extreme operation temperature range: -30 to 70 Celsius Degree
- IP67 waterproof can be used in outdoor application
- 8 characters password

## **Specifications**

### **Compatibility**

- Supported iOS 7.0+ and Android 6.0 + system;
- Compatible with Apple iBeacon standard;
- Compatible with all Bluetooth 4.0 (BLE) devices;

### **Long Battery Lifetime and Battery Level**

- 5 years @ default settings;
- Easy to get the real-time battery level notification;

### **Soft-reboot**

- Reboot the device via command without any tools;

### **OTA and J-Link**

- Supported upgrade via Over-The-Air;
- Reserved J-Link port on the board for programming;

### **Connection Mode**

- Advertising mode, non-connectable;
- Configuration mode, connectable;

### **Long Range**

- The maximum range of 300 meters line of sight

## **Operation of the KYCS Pro**

1. Press the BUTTON and keep holding 5 seconds, the Blue LED will Light on 5 seconds and then off. It means that KYCS Pro wakes up and starts to broadcast.
2. Press the BUTTON and keep holding 5 seconds, the Blue LED will flash 5 times and then off. It means that KYCS Pro is on the sleeping mode and stops broadcasting

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## **INSTALLATION GUIDE**

**Package Includes: One (1)KYCS PRO Bluetooth device and four (4) AA batteries-Installed**

**1**

### **BATTERY INSTALLATION**

**Your KYCS Bluetooth  
device is pre-installed with  
4 AA lithium batteries.**

Battery life is up to 5 years.

When installing new batteries,  
please use lithium-ion  
batteries for best  
performance.

You will need a Philips screw  
driver #0 (not supplied) to  
remove the four (4) screws  
located on the back of the  
Bluetooth tracking unit.

Screws are located on the  
bottom, in each corner, under  
the rubber lining.

**2**

### **Power “On” and “Off”**

Hold the power button down for 5 seconds to turn on ( blue light remains solid for 5 seconds) and/or off (Blue light flashes 5 times before turning off) the KYCS Pro Bluetooth device.

Note: You will need to be in a dim or dark area for the blue LED light to be seen

Blue light is located just above  
the power key under the plastic  
shell.



Power button is located on the  
side of the Bluetooth  
Identification device.

**3**

Identify a location to hide the  
KYCS PRO unit. **DO NOT install  
the KYCS Pro unit under and/or  
inside a metal enclosure as it will  
prevent the signal from being  
transmitted.**

**4**

Once installed, use the TRACtag  
app to ensure the signal is being  
received. Please note that mobile  
phone cases will reduce and/or  
prevent the KYCS Pro device signal  
from being received. For best  
performance please remove phone/  
tablet case.

**5**

The KYCS Pro device is now ready  
to use.

**WARNING: CHOKING HAZARD—Small parts, Not for children under 6 years**

For Best Results use new Lithium batteries. Do not mix Alkaline, Nickel Cadmium, Carbon-Zinc, Nickel Metal Hydride, or rechargeable batteries. Do not dispose of battery in fire. Dispose battery as required by local government guidelines. Note: 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. There is no guarantee that interference will not occur in a particular installation.

## **Electronic Parameters**

Item	Value	Remarks
Case Color	white	Other colors can be customized
Battery Model	4pcs x Li-Fe S2 Battery	2pcs x 1.5V(2S2P)
Operation Voltage	1.8-3.6V	DC
Transmission Circuit	10.5mA (Max.)	Tested at 0dBm transmission power
Transmission Range	300 meters	Maximum
Antenna	50ohm	On board / PCB Antenna
Accessories	Double adhesive	1pc, high-strength, 3M brand;
	Screws	4pcs screws and 4pcs plastic holders
Net Weight	109.0g	With battery
Size	72 x 72 x18 mm	Null

For further information please contact TRACtag Global Inc.

at

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The contents of this datasheet are subject to change without prior notice for further improvement.

## FCC Statement

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 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.

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

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.