TS10 scooter sample test instructions

Dear customer,

Thank you for testing TS10 shared scooter.The following instructions may be helpful for your test.

1. Unpacking & Assembly

1) When you unpack the box, you need to install the pole and handlebar first;
2) Then you need to find the Front drum brake sheath and spring from the tool bag to install the front brake cable and adjust the front brake cable. P.S.: We had to loosen the front brake cable as we needed to loosen the front riser and handlebar while packing. Hope you can understand.
3) Open the battery cabin cover, remove the battery pack, take a fuse from the tool bag and insert it into the battery. P.S.: For transportation safety, we removed the battery fuse when packing the scooter. The battery won't work until you insert a fuse.

You can watch the video tutorial through this link,
https://drive.google.com/drive/folders/14eTjkLbLsrXOS0GEPiziIra-MN8UF2Ac?usp=sharing

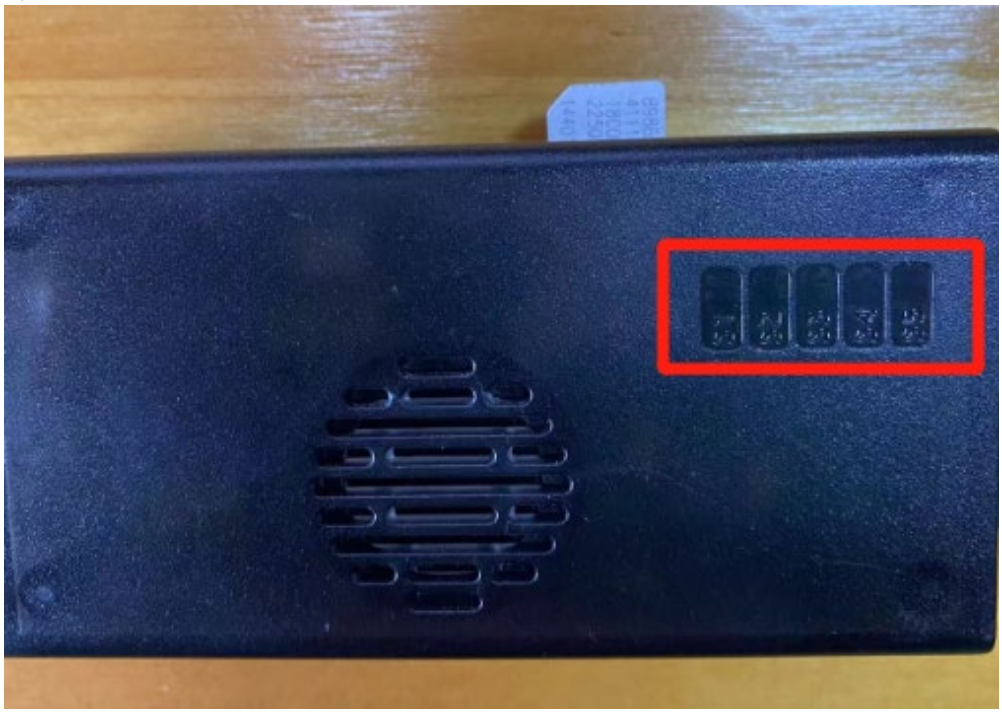
2. Install the sim card

1) Loosen the four screws on the side of the neck, remove the black plastic cover, and you can see the IoT.

P.S.:① The screwdriver for loosening the screw is in the tool bag;

② To make it easier for customers to remove the black plastic cover, the factory may only install two screws for you. In this case, the other two screws must be in the tool bag.

2) Uncover the waterproof sticker on the iot, you can see the sim card slot.
3) Refer to the picture below, insert the sim card.



Note:

① Before shipping, we have configured the firmware for iot according to the sim card APN you provided. So you have to insert a sim card with the same APN. If you want to change the sim card, you must modify the APN, there is a separate tutorial below.

② Pay attention to the insertion direction of the sim card. Refer to the picture above, the correct way is: the bevel of the sim card faces opposite to the indicator area(Marked by the red box above).

③ The sim card must be inserted to the end. You can use a small tool to push the sim card into the reed of the card slot.

④ After inserting the sim card, please re-attach the waterproof sticker.

3. Check IoT networking status

After inserting the sim card, waiting for about 30 seconds to 1 minute, the iot indicator lights will light up or flash.

When the white light is on, it basically means that the iot is connected to the network successfully, and you can start testing the iot and the scooter.

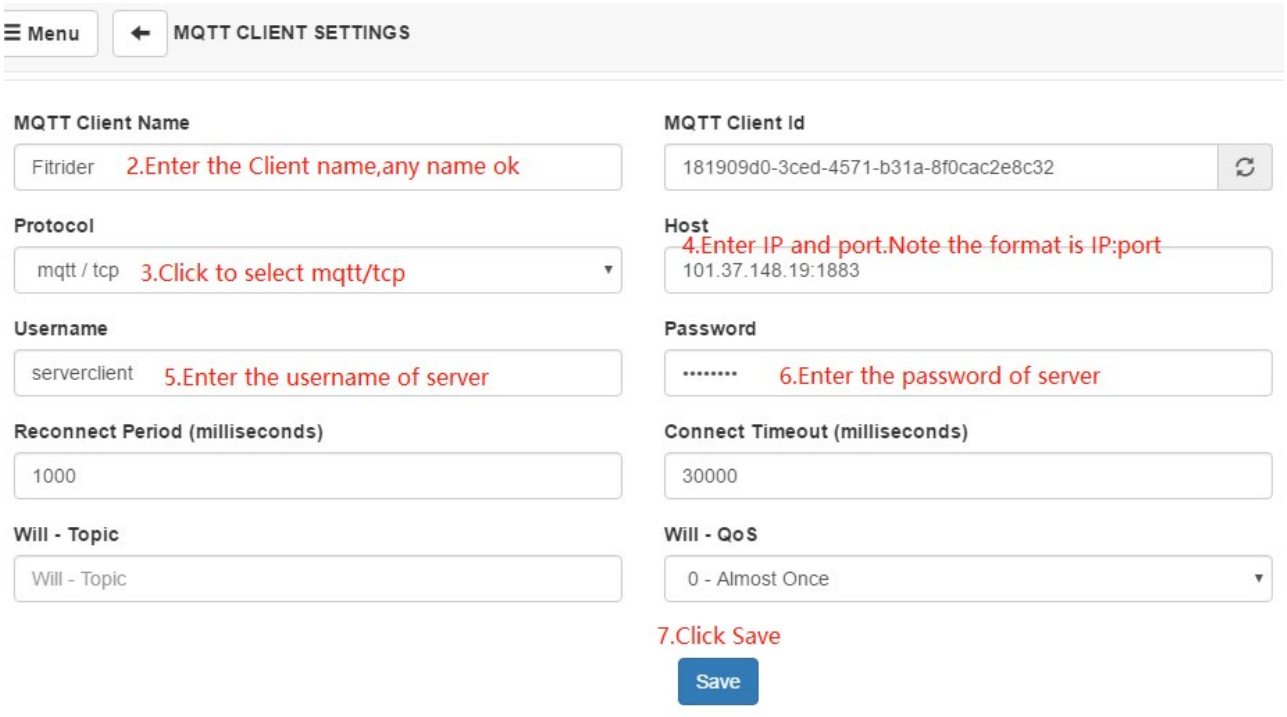
White light: Always on→Connect to the base station; Turn off →Networking failure.
Green light: Slow flash (on 0.2 seconds,off 1.8 seconds)→Searching for network signal; Slow flash (on 1.8 seconds off 0.2 seconds)→Standby; Flash fast (on 0.125 seconds off 0.125 seconds)→The data transfer.
Red light: Flash→Networking success and receive GPS signal; Slow flash→other.
Blue light: It doesn't make sense. Ignore it.
Note: If you want to get the GPS signal, you'd better place the scooter near a window or in an open area outdoors.

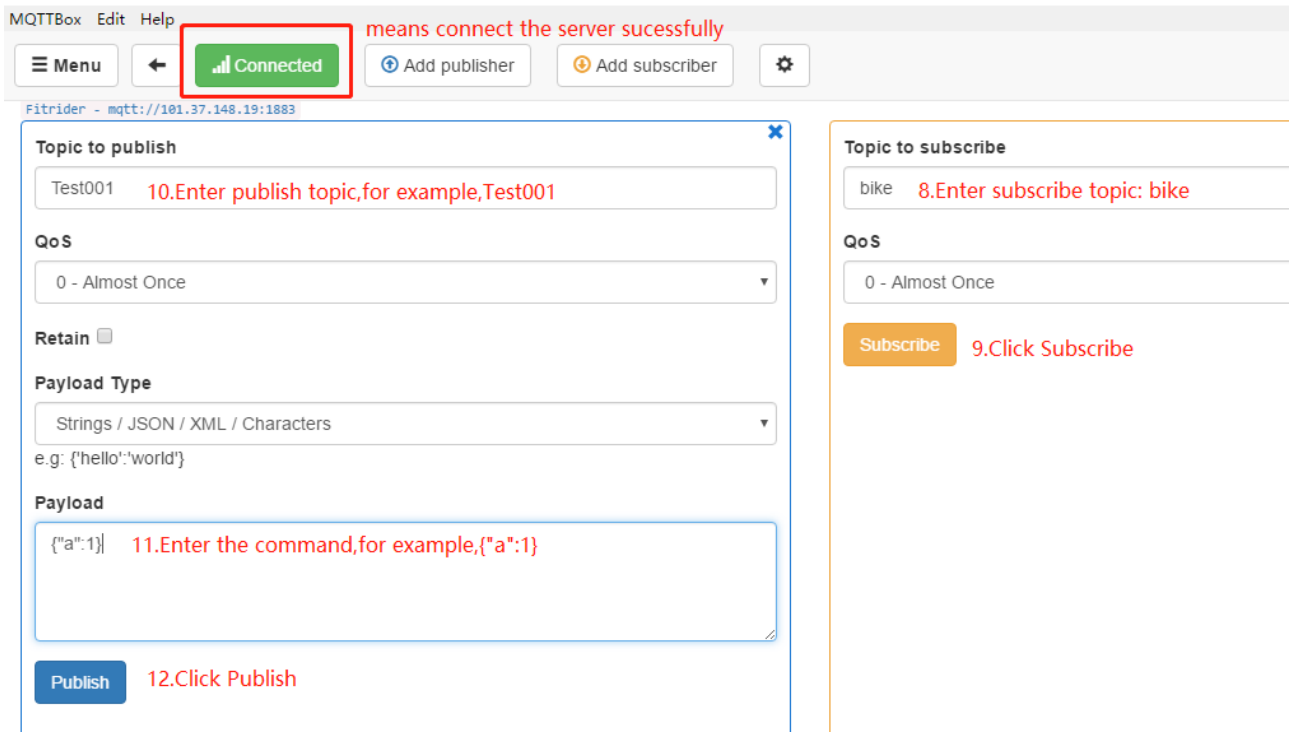
4. Test IoT and scooter

You need to follow the commands of the communication protocol file to test. The default Subscribe Topic is bike; Publish Topic=IoT number=Vehicle number=QR code number.

1) If you have your own APP and backend, you have your own software service team, you can test iot and scooter with your own APP, it should be very easy for your engineers.
2) If you don't have your own backend and APP for the time being, you can download third-party software or APP.

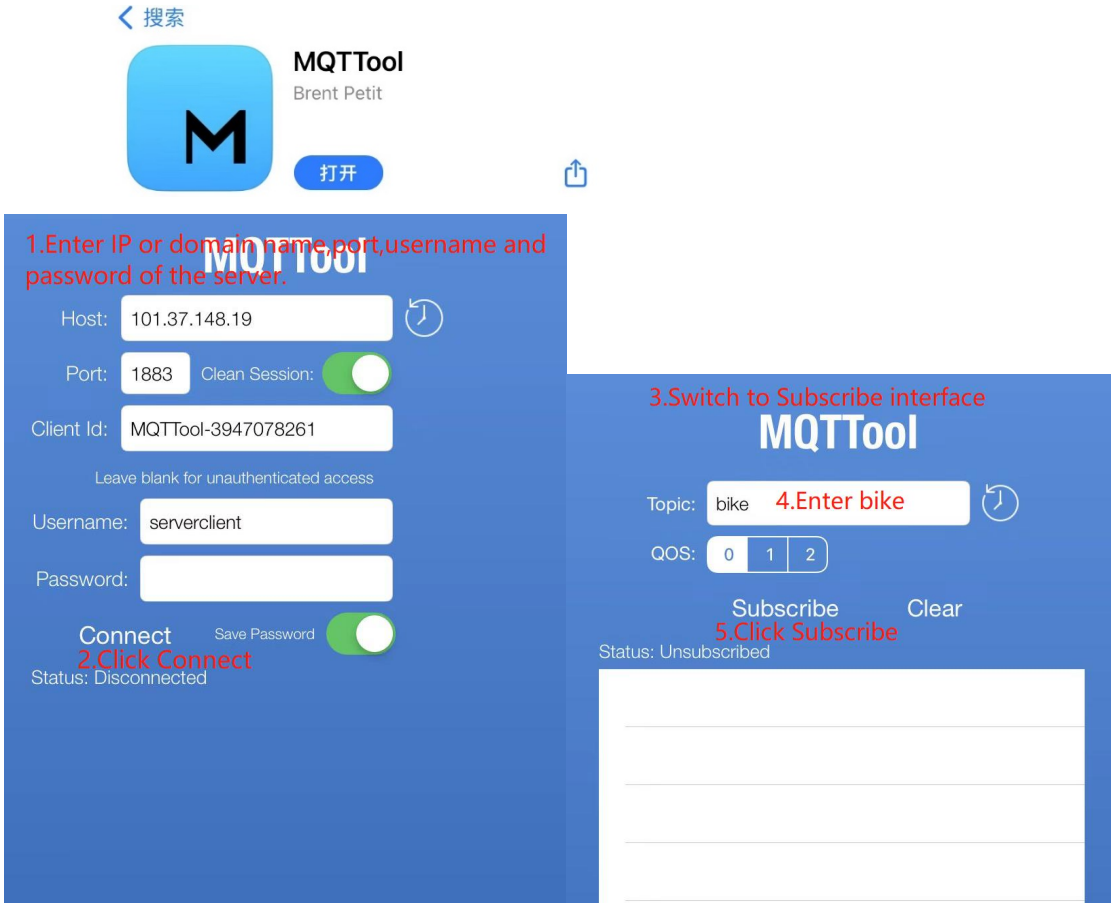
① For the PC, we recommend downloading MQTTBox; The tutorial is as follows,

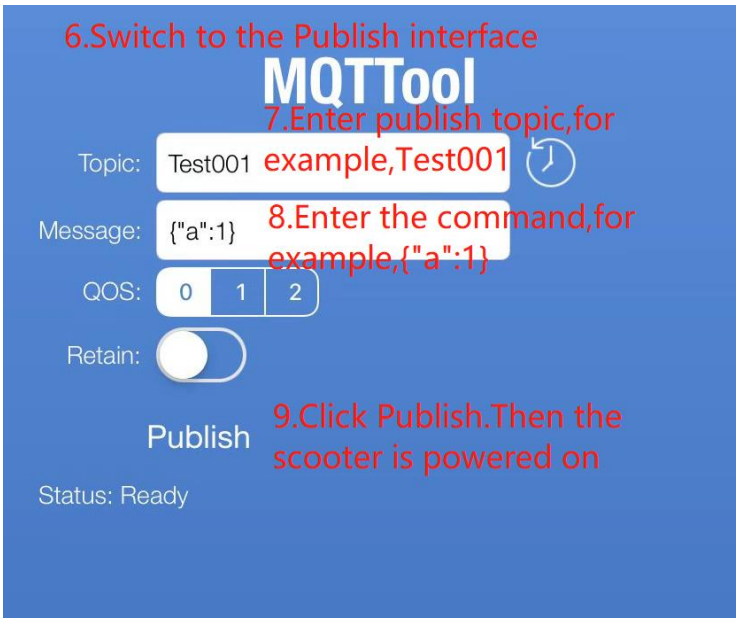




{"a":1} is power on command.When you send {"a":1},you can turn on the scooter.

② For the iPhone, we recommend downloading MQTTool App; The tutorial is as follows,





③ For Android phones, you can search for MQTT broker or MQTT test APP in Google Play, there are many similar free apps in the app store.

3) If you don't have your own server for now, we should configured our own server for iot before shipping, please contact sales for server information.

5. Iot configuration modification

When your server is ready, you can modify the configuration of iot through our free kit.You can change the server information,APN and iot number,etc. There's a separate tutorial:《IoT cfg instructions》,please contact sales for it.

During your test, if you have any questions, please do not hesitate to contact us in time. We will provide timely and professional 4S services.Thanks again!

Hangzhou Feigu Technology Co.,Ltd.

Fitrider shared scooter project team