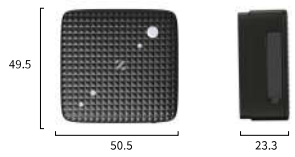
TYST-20-US定位器说明书

包装清单

定位器49.5*50.5*23.3(mm)



数据线

硅胶套88*52*33(mm)

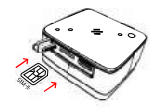
说明书

产品规格	
产品名称	4G定位器
产品型号	TYST-20-US
连接方式	4G cat.1
定位方式	GPS/WiFi
4G频段	LTE FDD：B2/B4/B5/B12/B13/B14*B66/B71
发射功率	23±2dBm
电池	2000mah
蜂鸣器	内置≥75分贝
充电方式	Type-C
工作温度	-15°C to +50°C
工作湿度	20% - 80% RH (无冷凝)
尺寸	50.5mm x 49.5mm x 23.3mm
重量	53g

快速入门指南

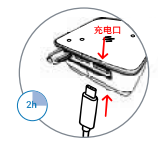
1 插入SIM卡

取得设备后，插入 SIM 卡，将SIM卡的芯片面朝上插入。



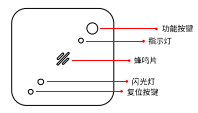
2 Type-C充电

插上type-C对设备进行充电（指示灯红灯长亮代表充电中，绿灯长亮代表充电完成），设备自动开机并搜索蜂窝网络，成功后，设备进入配网模式。



3 按键和指示灯状态说明

按住功能按键打开/关闭。
短按检查设备状态。
如果跟踪器已打开，短按功能按键指示灯会闪烁两次：
第一次闪烁 (1) 显示网络状态，
第二次闪烁 (2) 显示 GPS 状态。



4 设备配网

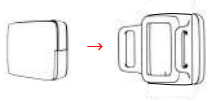
用户下载涂鸦智能 app，注册完成后，用户通过点击APP右上角“+”，开始添加设备，手机APP扫描设备底壳的二维码，设备添加成功（如果失败，请检查设备是否进入配网模式、网络状态、SIM卡状态等）。

5 使用您的追踪器 ID 激活

扫描定位器背后的二维码，并按照应用程序上的说明进行操作。

6 如何将定位器装入硅胶套

1、从硅胶套的背面把定位器装入



2、安装完成

产品功能说明

功能	定义	灯效交互
开机	1、type-C设备充电自动开机 2、功能键短按开机	绿灯闪一下（100ms），蜂鸣器“滴”1秒
关机	长按功能键3秒，关机	红灯闪一下（100ms），蜂鸣器“滴”2秒
重启	复位键短按重启	重启成功：绿灯闪一下(100ms),蜂鸣器“滴”1秒
配网	设备上电或者重启，自动进入配网模式，并保持，直到设备低电量关机	无灯效
设备端重置	type-C充电状态，2秒内短按5次，设备进行解绑，设备重置，重新开机，并重新进入配网状态	重置成功：绿灯闪一下（100ms），蜂鸣器“滴”1秒
查看电量	短按一下，设备亮灯代表有电	和查看网络状态灯效一致
蜂窝和卫星网络状态查询（充电期间不支持）	按钮短按一下指示灯连续闪两次，第一次代表蜂窝信号，第二次代表GPS信号绿灯代表正常，红灯代表异常	指示灯连续闪两次（亮100ms，间隔400ms） 绿灯代表正常，红灯代表异常,可以参照下图：  (1)(2) 网络正常 - GPS 正常 无网络 - GPS 正常 网络正常 - 无 GPS 无网络 - 无 GPS

有害物质						
配件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	铬 (Cr(VI))	多溴化二苯 (PBB)	多溴化二苯脂 (PBDE)
外壳	○	○	○	○	○	○
硅胶	○	○	○	○	○	○
电路板组装	○	○	○	○	○	○
数据线	○	○	○	○	○	○

本表格按照SJ/T 11346编制

○：意味着该成分所有勾浆中有害物质的含量均低于GB/T 26572规定的限量要求

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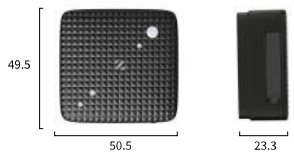
公告

1.请勿将设备放置在高温场所或火源附近，如烤箱、火炉、蜡烛或其他可能产生高温的场所。
2.请勿让儿童或宠物误食本产品或其配件，以免伤害其身体，否则可能造成设备损坏。
3.产品适用工作温度为-20°C至45°C，产品及配件应存放于-20°C至70°C范围内。
4.请勿在温度过高或过低的环境下使用本产品。
5.充电过程中请注意不要使用产品，以免损坏插头。

TYST-20-US Positioner Instructions

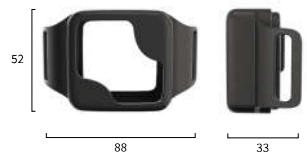
Packing list

Locator 49.5*50.5*23.3(mm)



Data cable

Silicone case 88*52*33(mm)



Manual

Product Specifications	
Product Name	4G locator
Product Model	TYST-20-US
Connection	4G cat.1
Positioning method	GPS/WiFi
4G frequency band	LTE FDD：B2/B4/B5/B12/B13/B14*B66/B71
Transmit power	23±2dBm
Battery	2000mah
Buzzer	Built-in ≥75dB
Charging method	Type-C
Operating temperature	-15°C to +50°C
Operating humidity	20% - 80% RH (No condensation)
Size	50.5mm x 49.5mm x 23.3mm
Weight	53g

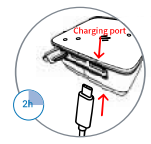
Quick Start Guide

1 Insert SIM card

After getting the device, insert the SIM card with the chip facing up.

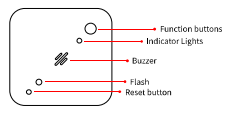
2 Type-C charging

Plug in the Type-C to charge the device (the red indicator light is on for charging, and the green indicator light is on for charging completion). The device automatically turns on and searches for the cellular network. After success, the device enters the network configuration mode.



3 Button and indicator light status description

Press and hold the function button to turn on/off.
Short press to check the device status.
If the tracker is turned on, the function button indicator light flashes twice:
The first flash (1) shows the network status, and the second flash (2) shows the GPS status.



4 Equipment network configuration

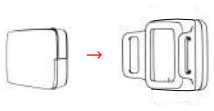
After the user downloads the Tuya Smart app and completes the registration, the user clicks the "+" in the upper right corner of the app to start adding the device. The mobile phone app scans the QR code on the bottom shell of the device, and the device is added successfully (if it fails, please check whether the device has entered the network configuration mode, network status, SIM card status, etc.).

5 Activate using your tracker ID

Scan the QR code on the back of the locator and follow the instructions on the app.

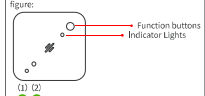
6 How to install the locator into the silicone case

1. Install the locator from the back of the silicone sleeve



2. Installation completed

Product Function Description

Function	Fefinition	Lighting Interaction
Power on	1. Automatically turn on the device when charging with a type-C device 2. Short press the function key to turn on the device	The green light flashes once (100ms), and the buzzer beeps for 1 second
Shutdown	Press and hold the function key for 3 seconds to shut down the device.	The red light flashes once (100ms), and the buzzer beeps for 2 seconds
Restart	Reset button short press to restart	Restart successful: Green light flashes once (100ms), buzzer beeps for 1 second
Distribution Network	When the device is powered on or restarted, it automatically enters the network distribution mode and remains in this mode until the device shuts down due to low battery.	No lighting effect
Device-side reset	In the type-C charging state, short press 5 times within 2 seconds to unbind the device, reset the device, restart it, and re-enter the network configuration state	Reset successful: Green light flashes once (100ms), buzzer beeps for 1 second
Check battery level	Press briefly, the device lights up to indicate it has power	The lighting effect is the same as viewing the network status
Cellular and satellite network status query (not supported during charging)	Press the button briefly and the indicator light flashes twice in a row. The first time represents the cellular signal, and the second time represents the GPS signal. The green light represents normal, and the red light represents abnormal.	The indicator light flashes twice in a row (100ms on, 400ms interval) The green light indicates normal, and the red light indicates abnormal. Please refer to the following figure:  (1) (2) Network OK - GPS OK No network - GPS OK Network OK - no GPS No network - no GPS

harmful substance						
accessorie name	lead (Pb)	mercury (Hg)	cadmium (Cd)	Hexavalent chromium (Cr(VI))	Polybrominated biphenyl (PBB)	Polybrominated diphenyl ether (PBDE)
outer ca se	○	○	○	○	○	○
silica gel	○	○	○	○	○	○
circuit board assembly	○	○	○	○	○	○
data cable	○	○	○	○	○	○

This form is formation accordance with SJ/T 11346

○: It means that the content of the hazardous substance in all homogenates of the component is below the limit requirements of gb/t 26572

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Announcements

1.Do not place the device near high-temperature places or fires, such as ovens, stoves, candles, or other places that may generate high temperatures.
2.Do not allow children or pets to eat this product or its accessories to avoid injury to their bodies, otherwise it may cause damage to the equipment.
3.The applicable working temperature of the product is -20°C to 45°C, and the product and accessories should be stored in the range of -20°C to 70°C.
4.Do not use the product in an environment where the temperature is too high or too low.
5.Please be careful not to use the product during the charging process to avoid damage to the plug.

FCC COMPLIANCE

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.
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.
Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device meets the government’ s requirements for exposure to radio waves.
This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment.
To satisfy FCC RF exposure compliance requirements, body-worn operations are restricted to belt-clips, holsters or similar accessories that have no metallic component in the assembly and must provide at least 5 mm separation between the device and the user's body. End-users must be informed of the body-worn operating requirements for satisfying RF exposure compliance. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value.