

【Quick Installation Guide – Tuya Smart x Fall Down Detector Wi-Fi ver.2.2】

➤ **Tips** (Fall Down Detector- referred to as “Device”)

1. Please confirm that the package is complete : Quick Installation Guide, Device (Fall Down Detector), Power Adaptor, Smartphone (or Tablet).
2. Download the App and pair the device with the App’s device pairing function.
3. After confirming the device pairing is complete, the device installation can start.

➤ **Preparations before use - Wi-Fi and APP**

1. First make sure the smartphone (or tablet) is on the same Wi-Fi network.
2. Install the APP 「Tuya Smart」 (referred to as APP) and register.

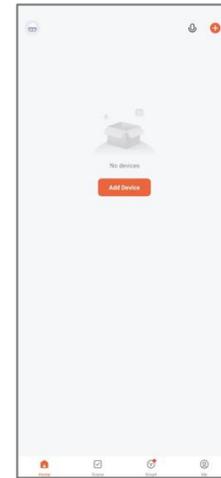
➤ **APP Download, Registration & Device Pairing and Installation**

1. APP 【First time download】

- 1.1. Download and install the App from: Google Play / Apple Store Search for **Tuya Smart** or scan the QR Code to the right to download and install the APP.
- 1.2. Open the **Tuya Smart** App to register and to verify a new account:
 - 1.2.1 Open the App homepage, if you are a new user please click Register and follow the process below (Figure 1.2.3.4.) Please select your country, enter your email address and click the “Get Verification Code” button and the system will automatically send you a 6-digit verification code to the registered email address. Please enter the 6-digit code from the verification email to complete registration.



- 1.2.2 After registration is complete, please set your password and remember the password.
- 1.2.3 When the App has successfully logged in (after registration), it will display the screen (Fig.5)



(Fig.5) Screenshot of successful login.

2. Device 【First Pairing and Installation】

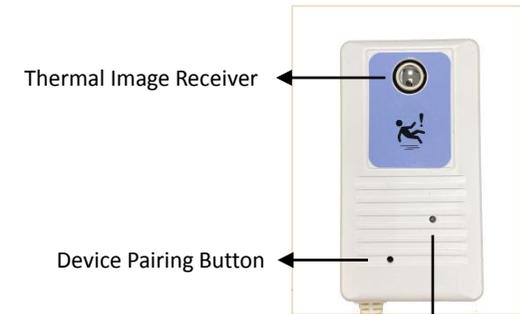
- Device exterior illustration (Fig 6.7)

(Fig.6)



Device Enclosure and USB Power Cord

(Fig.7)

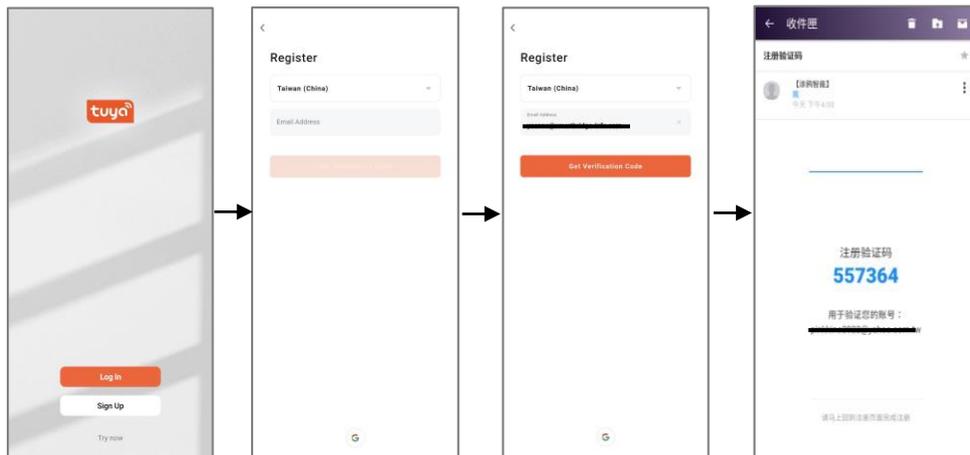


Thermal Image Receiver

Device Pairing Button

LED Indicator Light

(Fig.1)Open App Homepage (Fig.2)Enter your account information (Fig.3)click “Get Verification Code” (Fig.4)Enter verification code from email.



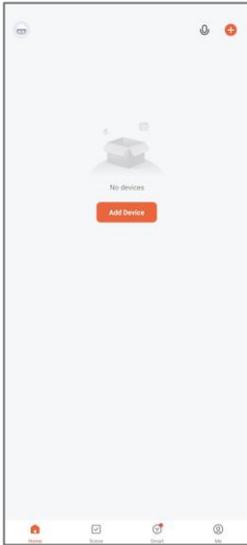
- 2.1 On your smartphone with the Wi-Fi turned on, please open the **Tuya Smart** App (To begin the pairing process for the device through the APP).
- 2.2 Power on the device using the USB power cord, the device LED will flash red for 10 seconds to indicate normal status. Please set the device on the side for now and do not power off the device.

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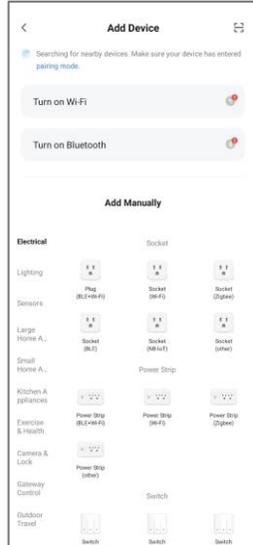
2.3 Device Pairing Process :

- ① To add the Device: Please select “Add Device” as shown in Fig. 8, or click the “+” on the top-right of the screen to start adding the device. Devices - Selection Menu Screen (Fig. 9).

(Fig. 8) Add Device



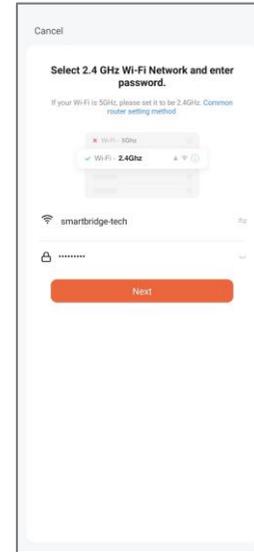
(Fig.9) Add Device- Selection Menu Screen



(Fig.10) Select Others - Connector Wi-Fi



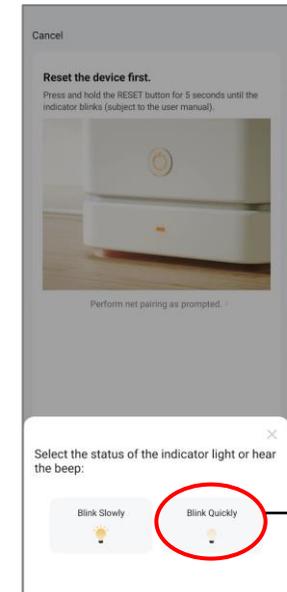
(Fig.11) Wi-Fi Settings



(Fig.12)



(Fig.13)Using paperclip to hold pairing button for 5 seconds



Select Fast Flashing light bulb

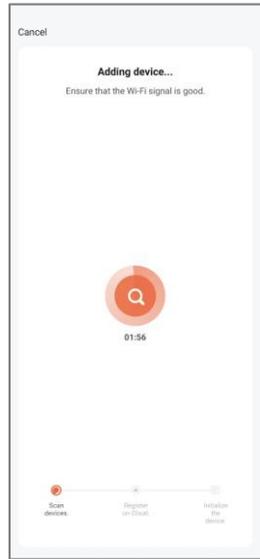
(Fig.14)Select “fast flashing”light bulb

- ② Select Device Type: Under the device type on the left-bottom, select “Other” (Fig.10) -> then select “Connector Wi-Fi” (Fig. 10).
- ③ Device Wi-Fi settings: as shown in Figure 11 - please enter and confirm that your smartphone Wi-Fi is normal and is connected (the smartphone and the device need to be on the same Wi-Fi network) Then click Next.
- ④ Reset Device & Manual Pairing: as shown in Figure 12 - please prepare the device that has just been powered on, take a paperclip and bend it until it has a tip, and use the tip of the paperclip Using the tip of the paperclip, press and hold the recessed device pairing button for 5 seconds (Figure 13), confirm that the LED indicator light is flashing red quickly, and then click Next.
- ⑤ Select the status of the indicator light or the sound prompt: as shown in Figure 14 - please click on the "fast flashing" light bulb.

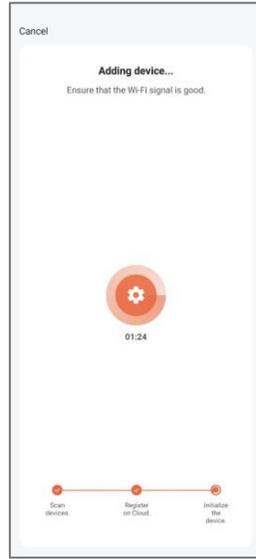
- ⑥ Start the add device process: As shown in Figure 15 - the device is being added, please wait patiently for the process to complete (make sure that the Wi-Fi signal is stable, and keep your smartphone and the device in close proximity).
- ⑦ End of add device process: as shown in Figure 16 - The process has ended, and the device has completed pairing (connection).
- ⑧ Add Device Successful : As shown in Figure 17 - the add device successful screen, the device name (green V) is displayed, and the user can edit the name accordingly.

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(Fig.15) Start Add Device



(Fig.16)End of Add Device

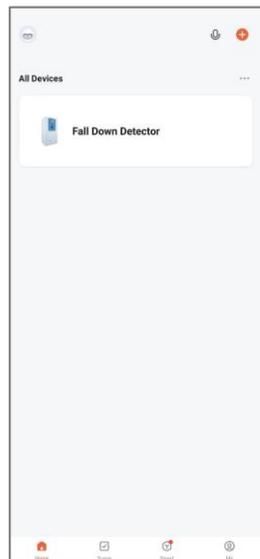


(Fig.17) Add Device Successful (Finished)

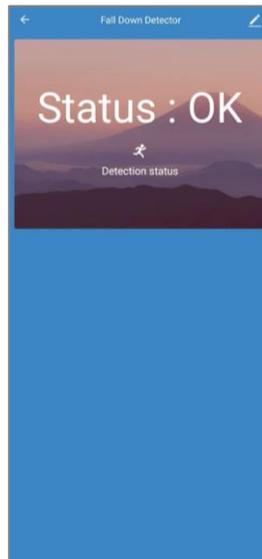


- ⑨ Return to the main screen, under All Devices, confirm whether the device is in normal operation (online), please refer to Figure 18 &19.

(Fig.18)



(Fig. 19)



*Congratulations!
You have completed the pairing of the device and APP!
-
Now for the last step of "installation", Almost done!*

2.4 Device Installation Procedure :

- ① Bring the device to the installation area, places where falling may happen. For example, bathroom, shower or bedside.
- ② After deciding the place to install the device, please look for a suitable wall surface to secure the device to.
- ③ Placement: Using a tape measure, beginning measuring from the floor. Please find a position 40~50 cm vertically off the ground to place the device. (45cm at the center of the device is recommended.)
- ④ Using the center height of 45 cm as an example, confirm the position of the device and remove the adhesive cover and place the device neatly on the wall. (Fig.23 Blue Circle Position)

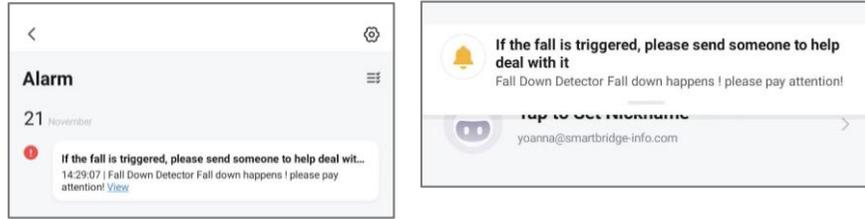
3. 【Friendly Reminders】

- ★The APP and the device must be paired successfully first, before being taken to the installation area to start the installation process. (2.4)
- ★When the APP and the device is pairing (2.3), the distance must be less than 2 meters. After completing pairing, then taken to the installation area to continue the process. Device Installation Procedure (2.4)
- ★The device installation placement must be 40~50 cm above the ground. (45cm is recommended)
- ★Every time the is powered on, it will automatically run the “ambient temperature calibration” function.
- ★ To avoid invalid or faulty ambient temperature calibration, please make sure there are no people or unusual heat source in the detection area when the device is calibrating.
- ★ During ambient temperature calibration, the sequence and meaning of the LED indicators are:
 1. **Flashing** : Entering ambient temperature calibration mode.
 2. **Constant/Solid** : Ambient Calibration in process.
 3. **Off** : Calibration is finished.
- ★When the device detects that someone has fallen, the user will not receive immediate notification from the APP, because the device will determine whether the fallen can get up or has physical activity. If the person moves out of detection range, it will not be detected as a fall. In other words, the person needs to have no movement for about 23 seconds to trigger the detection, and the device will qualify that as a fall detection and the LED indicator will be on solid during this process. After the device has determined a true fall down event has happened, the LED indicator will flash three times quickly and send out an APP notification “Fall down

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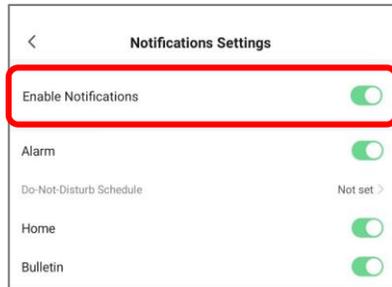
happens! Please pay att...”. (Fig.20-21).

(Left to Right:Fig.20-21)



★ APP Notification Setting: Please find the notification settings in the Tuya APP and turn it on. This means you will automatically receive the notification message on your Smartphone or tablet screen when a notification is sent. (Fig.22)

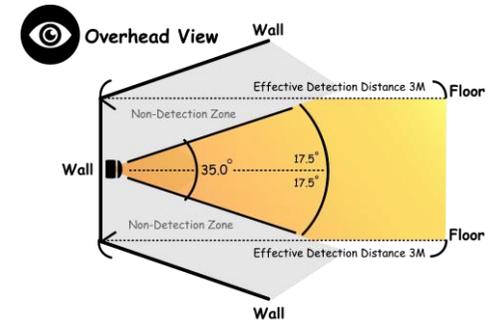
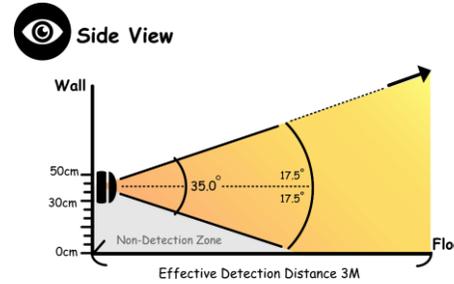
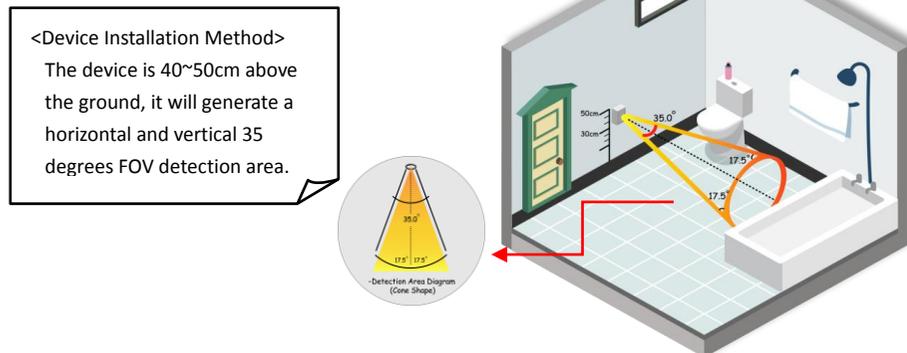
(Fig.22) After turning notifications on it will say “Enabled”



★ The Two Conditions Required to Achieve Fall Down Detection and Receive APP Notification:

1. When someone has fallen, and can not get up or leave the detection area, to allow oneself to stay still in place for 23 seconds.
2. Do not move about for the 23 seconds during the detection confirmation period, once movement is detected it will determine that a fall down has not occurred and will not send out an APP notification.

(Fig.23) Installation Reference - Bathroom example



▲Thermal detection area angle of the device: schematic diagram of the 35 degrees FOV projection.

(Side-view-left Fig.24 / Overhead-view - right Fig.25)

【Remarks】

1. For the standard versions of the Fall Down Detector the USB cable length is 80cm. If the user feels it is not enough, we recommend buying a longer dual-connector USB extension cable on available on the market.
2. The Device is only splash-resistant and have passed IP54, and is not fully waterproof. Please use safely with care.
3. If you have any questions, please visit us on the customer support page on the official website of Smart Bridge.