

WiFi detectors

Magnetic contacts for opening detection:

DM-WFD-1



Installation manual

How to install and use the Wi-Fi remote control



What did you buy?

These detectors are used to report abnormal situations and communicate them promptly through an app notification. You can connect these sensors to your WiFi network and then manage them with the Tuya home automation app, the most widespread in the world, both via local wifi connection and via Internet, when you're not at home.

Magnetic contacts are used to signal when a door or drawer is opened/closed and possibly perform automatic actions on other devices. They are made up of two elements to be mounted on the two doors. The app signals when the two elements are in contact (door closed) and when they are separated (door open)

This manual explains how to install and configure the devices.



DM-WFD-1 Assembly

DM-WFD-1B is a magnetic contact that is used to signal on the Tuya Smartlife app if a door or drawer is opened or closed. It consists of two elements: the sensor module and the magnetic striker. The sensor is usually mounted on the door jamb, with screws or double-sided tape, and the magnetic element on the door, so that they are in contact when the door is closed.

This sensor is useful to know at any time if a door is open or closed and to be notified of the status change.

INSERTING BATTERIES–To use the sensor you need to open the base by sliding the base in the direction of the arrow to reveal the battery compartment. Insert 2 AAA batteries, Standard or even rechargeable. The sensor is battery-powered and requires no additional wiring.

FRONT LED–The sensor is equipped with a BLUE LED that lights up briefly when the sensor changes state.

ASSEMBLY–There is no precise rule for mounting this sensor because it depends on the shape of the frame. The sensor is mounted on the jamb and the magnetic striker on the door, in so that when the door is closed it is in contact with the sensor or at least at a distance less than 1 centimeter. You can fix the modules with two screws or with the included double-sided tape that it can be separated into two parts, one for each element.

RESET

The sensor has a small hole, behind which there is a reset button. For To reset, after inserting the batteries, insert a sharp object, such as a paper clip deformed paperweight, inside the hole and hold the button for 5 seconds. You need to reset your device to put it into setup mode and be able to upload it to the Smartlife app



Positioning

When choosing the installation location of the product, pay attention to these precautions

CHECK WIFI COVERAGE

Before placing the sensor in its final location, remember that this device

It must connect to your Wi-Fi network in order to work. You should therefore check with cell phone that there is good coverage of your Wi-Fi network in the place where you want to place it.

If you see that the signal is very poor, you should intervene on your Wi-Fi network, strengthening it maybe with a repeater.

Do not install the product in an area with poor Wi-Fi signal because it would then be unreliable in its operation.

NO METAL CONTAINERS

Be careful not to enclose the sensor in a metal container because this

It would shield the wifi signal. You can instead install it in a plastic container because it doesn't an important shield.



Download the Smart Life app

To use the product with your mobile phone, you must first connect the device to your Wi-Fi network.

To do this you need the APP **Smart Life** which you can download for free from Google Play or Apple Store. It's a very popular app in home automation that's common to all our devices.

home automation.



When you first start, you must create an account by entering a valid email address. Press CREATE AN NEW ACCOUNT and then wait for the code via email to confirm your registration.

If you don't have an email address you can also use your phone number by pressing Use Phone Number and get the verification code via SMS

Once you have created your account you will have your own space in the cloud where you can also upload many WiFi remote controls to control different devices and also our other equipment home automation, such as cameras and intercoms.



Set up the remote control

To use the product with your mobile phone, you must first connect the device to your Wi-Fi network. It's a very easy operation to perform, thanks to the APP you just downloaded.

Note that the electronic board contains:

1 RESET button

1 BLUE wifi status LED

Locate them using the indications given in the previous chapter, because you will need them in these operations

1 –Connect your phone to your WiFi networkto which you want to connect the sensor. Check in your phone's Wi-Fi networks to be connected to your Wi-Fi network and be able to surf the Internet. Please note: It must be a 2.4GHz network because the device does not accept 5GHz wifi. Also Make sure you have your phone's Bluetooth turned on.

2 –Put the remote control module into setup mode. So that you can

To add your device to the app, it must be in setup mode.

device is in setup mode when theBlue LED on device flashes

quickly If you see the LED solid blue, or off, you need to put the device into standby mode.

configuration by holding down the RESET button for 5 seconds. The device remains in configuration standby mode for a short time, after which the LED turns off and you need to perform a new reset.

3 –Add device. Press the + button at the top right of the app and then choose

ADD DEVICE. If the remote is in setup mode, with the blue LED

flashing, the automatic search will locate the new device to be configured. Press the

ADD button and then, in the following window, choose your 2.4GHz wifi network to connect to the device by entering the correct password. The connection of the device will start

It finishes in a short time. Once the device is connected to the Smartlife app, the blue LED on the card stops flashing

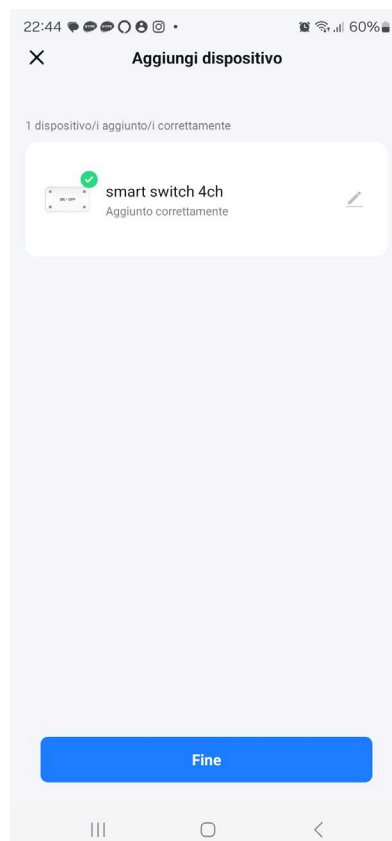
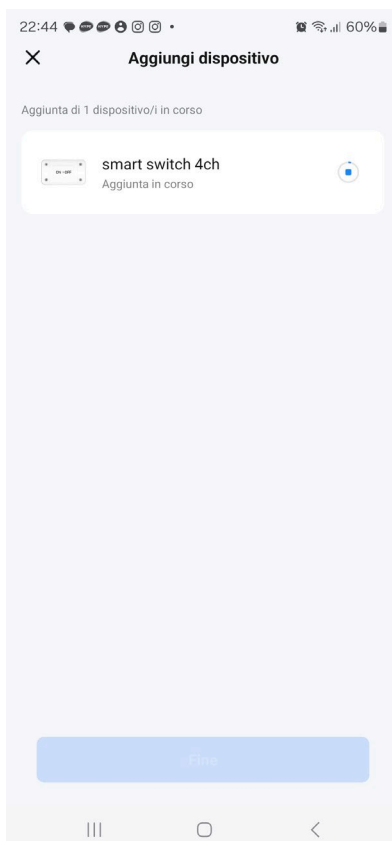
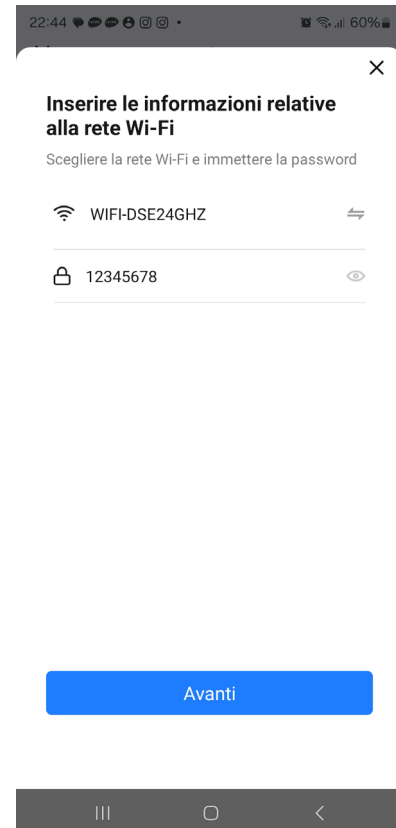
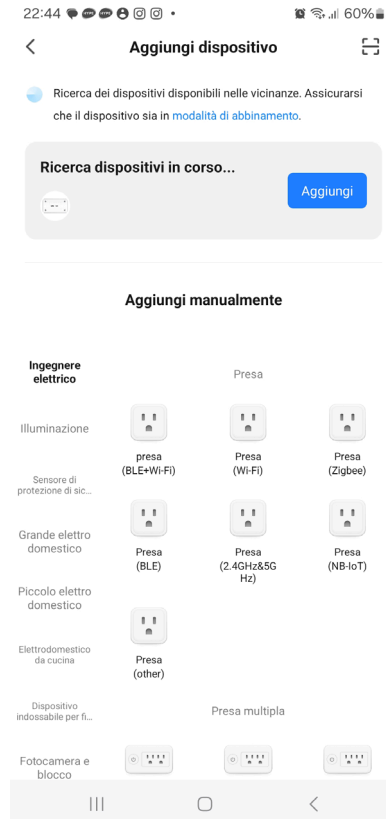
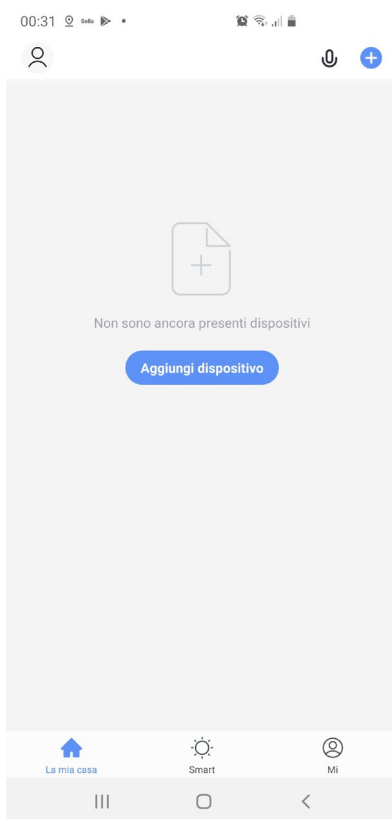
If your device is not detected by the app when searching the network, reset your device pressing the reset button on your device for 5 seconds and check that you have Bluetooth active on the cell phone.

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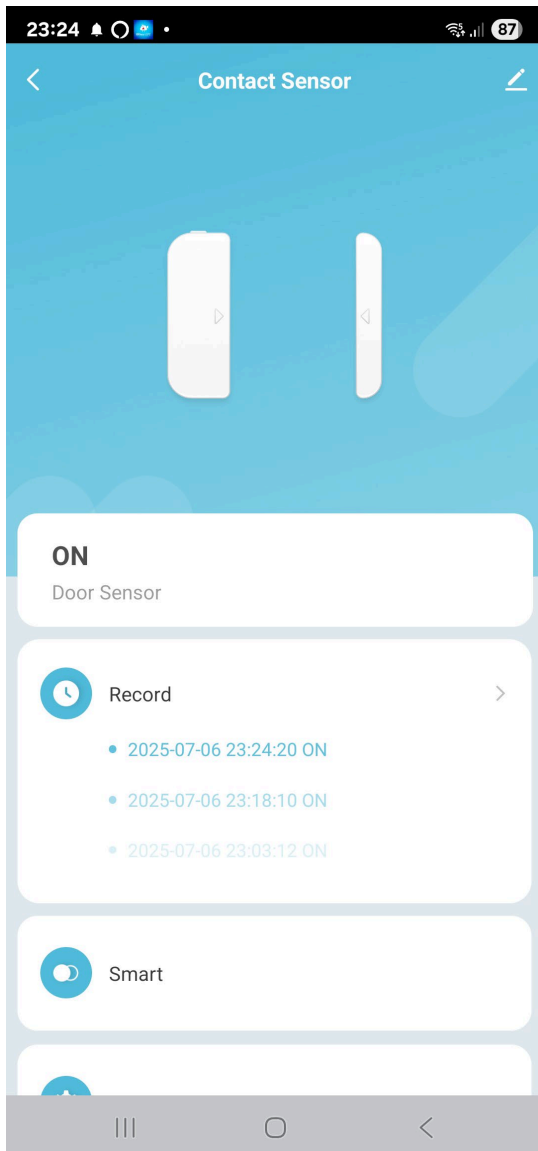
The device is now connected to the Wi-Fi network. If the Wi-Fi connection is lost, the



device will automatically activate the Bluetooth connection.

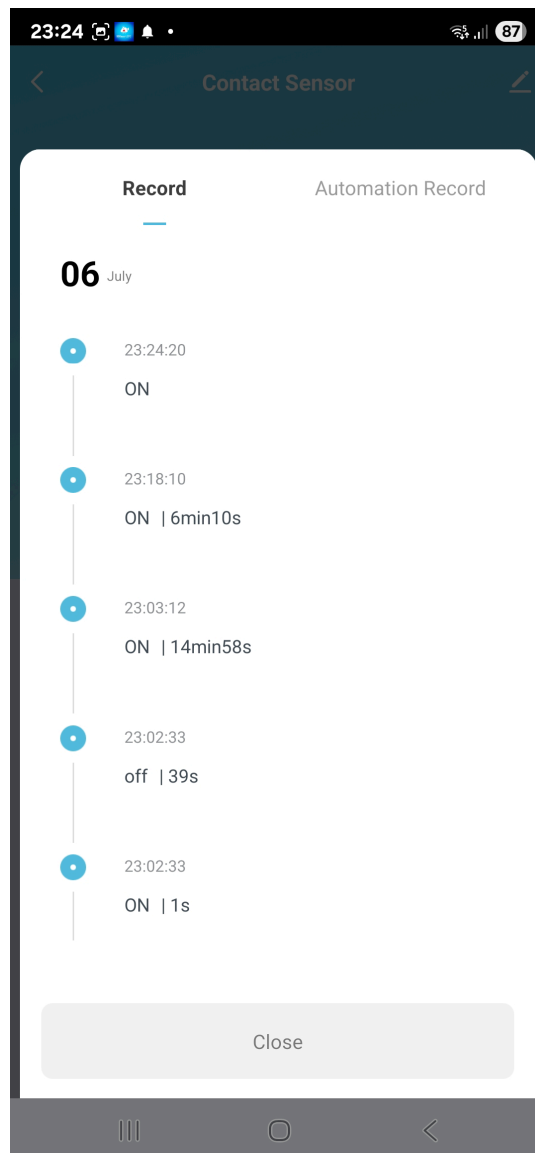
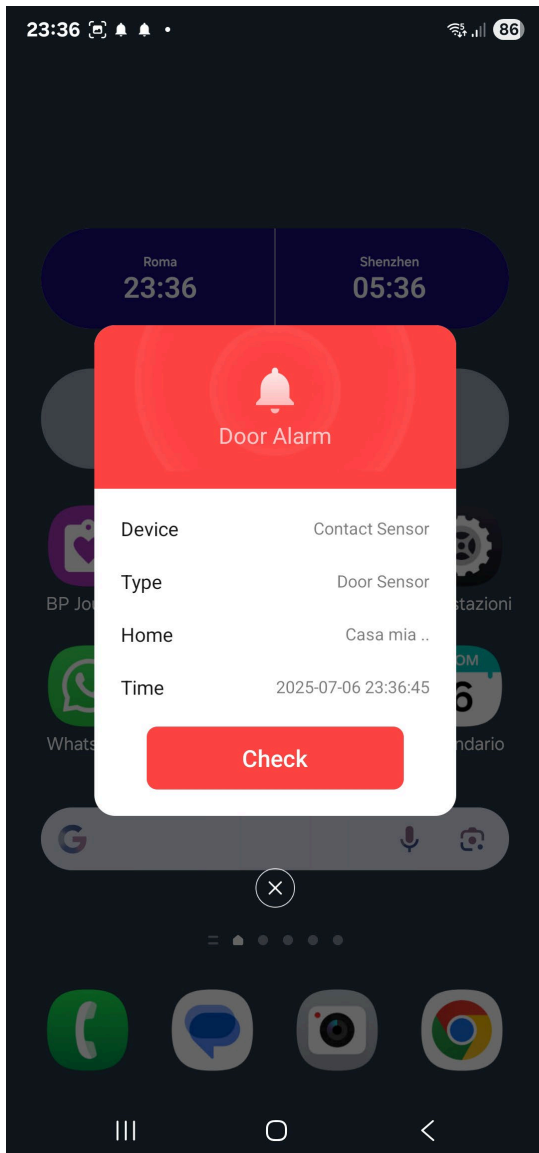
Control the sensor from the app

Now that you've set up your device, you can control it with the app. Thanks to the P2P cloud server, You can also check it through the Internet.



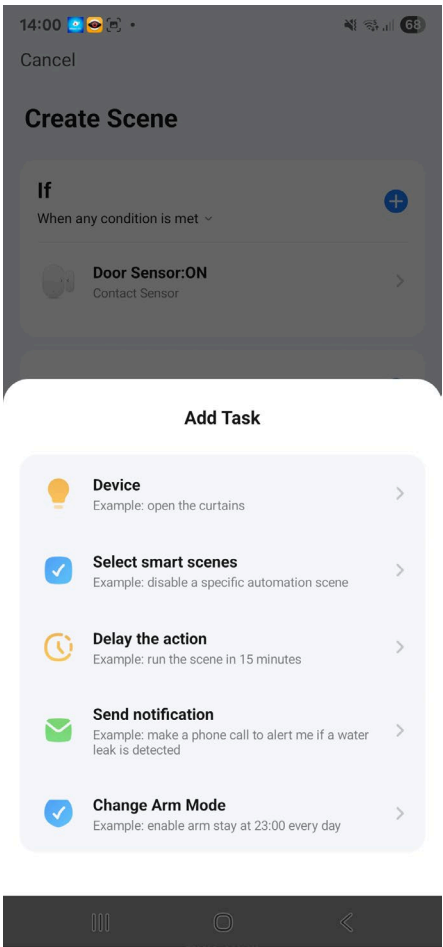
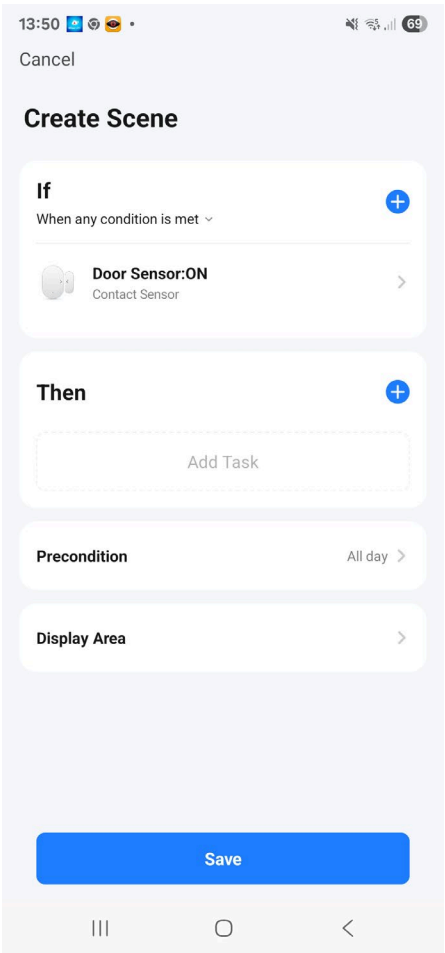
ON/OFF–The image in the window visually shows the current status of the device:
closed contact (OFF) or open contact (ON)

RECORD–When the contact changes status you will receive a notification on your phone, as shown in figure. In the Record section you can consult the history of sensor status changes.

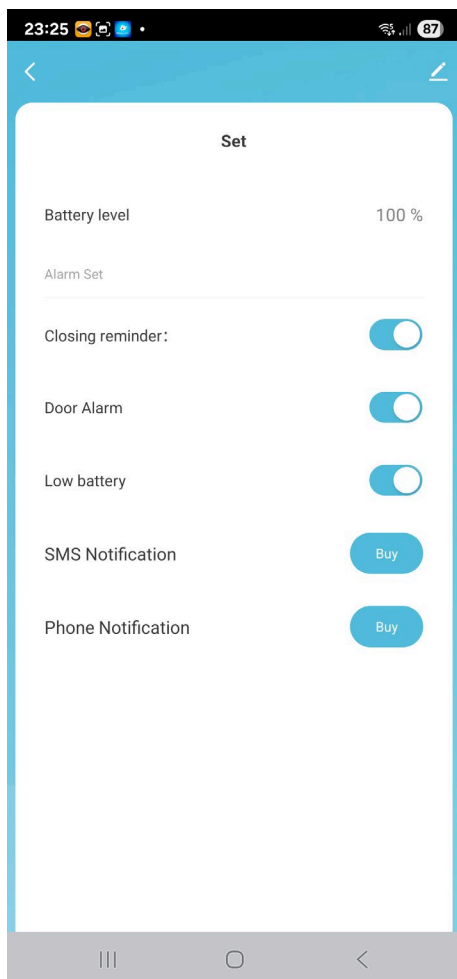


SMART–If you have other Tuya devices connected to the Smartlife app, in this section you can schedule automatic operations that the cloud server will perform when the sensor will acquire a certain state. For example, if you have our wifi relays, you can activate devices based on to the sensor state.

The power of the Smartlife app allows you to set the conditions to be verified (IF) and the actions to execute (THEN), such as triggering a device, starting another smart automation scenario, delay another scheduled action or send a notification. You can also enable your own automatic setting only at certain times of the day, with weekly calendar, or based on climatic conditions.



SET–Here you can set some operating options



BATTERY LEVEL–Indicates the battery charge status in real time

CLOSING REMINDER–Send a notification when contact closes

DOOR ALARM–Send a notification when the contact opens

LOW BATTERY–Send a notification when batteries need replacing

There are also some paid services offered by the Tuya cloud, such as SMS notifications.
or phone call.