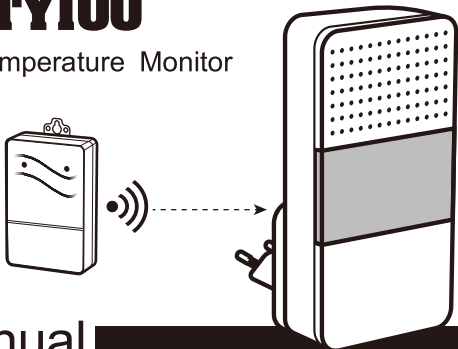


SimPal-TY100

WiFi Freezer Temperature Monitor



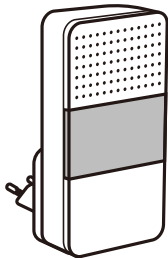
User Manual

Manual version 1.0

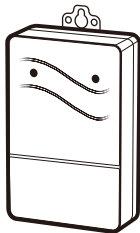
CONTENT

1.1 Package contents.....	2
1.2 Device instruction	3
1.3 Indicator light	5
1.4 Beeper sound	5
1.5 Install APP and add device	6
2.1 Pair temperature sensor	8
2.2 Set temperature alarm	9
2.3 Working with other wireless sensors	10
2.4 Manual stop alarm	11
2.5 Night light mode	11
2.6 Joint alarm network	13
2.7 Advanced settings	13
2.8 Reset factory settings	15
3. Technical Specification	17

1.1 Package contents

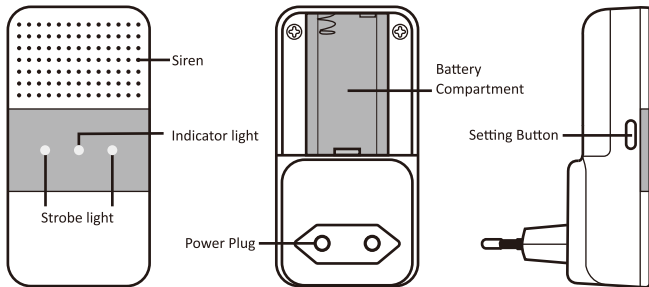


SimPal-TY100 1pcs

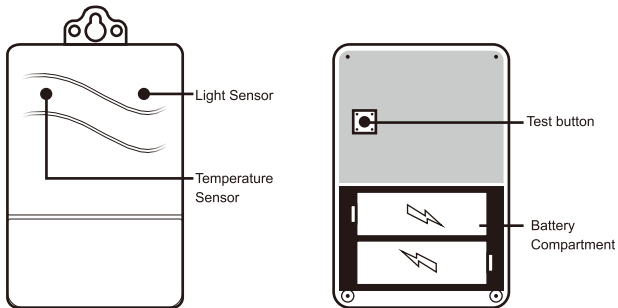


WTL-063-F V2 1pcs

1.2 Device instruction



TY100 instruction



WTL-063-F V2 instruction

(Note: Light sensor function does not use for this product)

1.3 Indicator light

Model	Action	Status
Status indicator (Green)	Flashing fast	WiFi disconnect or sensor alarm
	Slow flash	Work in Disarm mode.
	Constant light	Work in Away mode
	Breath flash	Work in Home mode
	Two fast and one slow flash	Work in pre-arm mode
Strobe light (White)	Flash fast	In alarm mode
	Constant light	In night light mode

1.4 Beeper sound

One long beep	● Connected WiFi success ● Set in home mode ● Reset factory settings
One short beep	● Set in Away mode ● Waiting pair sensors
Two short beeps	Set in disarm mode

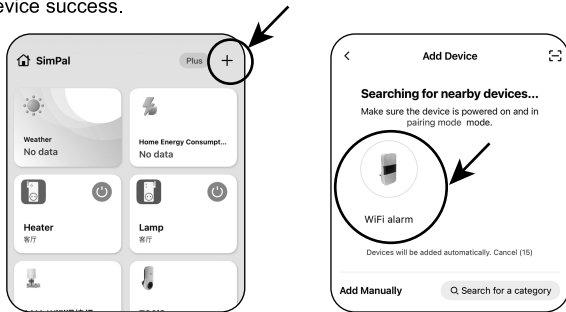
1.5 Install APP and add device

Download Tuya “Smart Life” APP and install on your Android or iOS smart phone. All operation and settings will be done on APP.

The method to add device as following:

1. Install 2pcs AA size battery on TY100, plug the TY100 device onto 110-250V AC power, the LED will flash fast means WiFi disconnect.
2. Press the Setting button to make it enter WiFi configure mode. If the device already connected WiFi. It needs to keep press Setting button for 10 seconds until hear long beep to reset factory setting. After reset, the LED will flash fast and enter WiFi configure mode.
3. Register the APP account and log in, after log in, click “+” icon to add

4. It will auto display “Discovering devices...”, click device icon to add this device, select local WiFi SSID and input Password, then it can add device success.

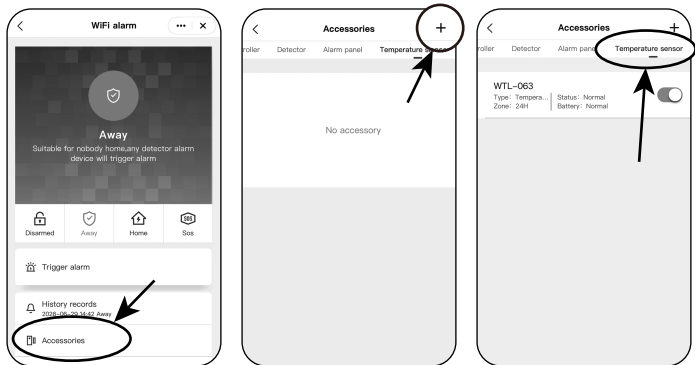


2.1 Pair temperature sensor

On the device home page, click “Accessories” and tap “+” to pair remote controller or wireless sensors. When device receive pairing command, it will beep sound and indicator LED flash fast. Press Test button of temperature sensor, it will transmit code immediately. After pair success, it will display this sensor under “Accessories” - “Temperature sensor”.

Default temperature sensor name is “WTL-063”, it can tap sensor name to rename temperature sensor.

SimPal-TY100 WiFi Freezer Temperature Monitor



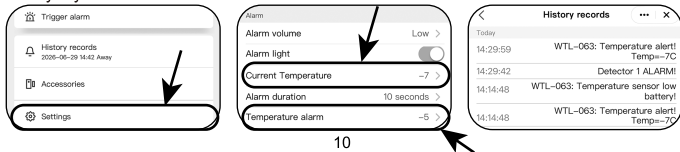
2.2 Set temperature alarm

After paired temperature sensor, it will display current temperature on Settings page. Default temperature alarm value is 20°C, when temperature lower or higher than 20°C, it will send temperature alarm message immediately.

The temperature will update every 5 minutes, temperature alarm only process when 2°C difference with setting value. When set temperature alarm 20°C, it will alarm when temperature reach 18°C or 22°C. This can avoid frequently temperature alarm.

When device does not get report from temperature sensor longer than 30 minutes, it will display temperature 0°C.

When temperature sensor low battery, it will send low battery warning message on APP everyday.



2.3 Working with other wireless sensors

The device can working with other wireless sensors such as door magnetic, PIR detector, Smoke detector, water leakage detector etc accessories to monitor your house. The method to pair with wireless sensors is same as pair temperature sensor. It can set different mode for wireless sensors. Such as PIR detector can set Home sensor, it only trigger when set Away mode; Water detector can set 24H sensor, it will always trigger once detect water leakage. The sensor type and alarm trigger condition as following:

Zone attribute	Arm sensor	Home sensor	24H sensor	Delay sensor	Temperature sensor
Disarmed mode	---	---	Alarm	---	Alarm
Away mode	Alarm	Alarm	Alarm	Alarm (Delay trigger siren)	Alarm
Home mode	Alarm	---	Alarm	Alarm (Delay trigger siren)	Alarm

2.4 Manual stop alarm

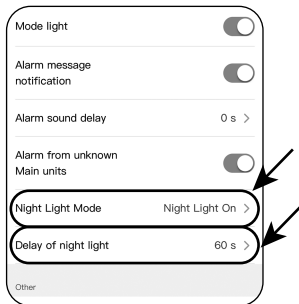
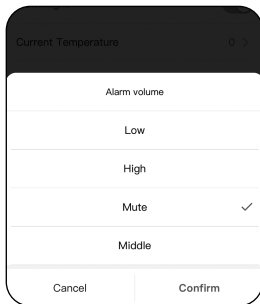
When wireless sensor trigger, it will give off sound and light alarm and auto stop according alarm duration settings. It also can manual stop alarm by press button “Disarmed”, “Away”, “Home” on APP, Press any button on remote control also can stop device alarm.



2.5 Night light mode

When device alarm, the alarm lights will flash fast. It also can make alarm lights constant on and use as night light. When working with wireless sensor, it can set device Mute mode and turn on night light mode. When door open or PIR detect

human motion, it will turn on night light for some seconds. Device will send alarm message on APP when working with night light mode.



2.6 Joint alarm network

The device support dual-ways communication with other SimPal-TY100 device, it can set device receive alarms from other Main units. When this function enabled, it will make nearby devices create joint alarm network. When one device receive alarm signal, it will transmit code to trigger all nearby SimPal-TY100 devices. This can make device repeat alarm signals and cover bigger alarm area.

2.7 Advanced settings

On Setting page, it can set alarm volume, LED lights etc functions.

- Delay arm: use to delay set device in Away mode by press remote controller. It can avoid device alarm before user leave the house.
- Timer: use to set schedule arm or disarm device.

- Alarm volume: it can set High, Middle, Low or Mute volume. High volume sound about 115 dB, Middle volume sound about 100 dB, Low volume sound about 75dB. Mute will disable sound alarm.
- Alarm light: when device alarm, the alarm light will flash fast. It can turn off alarm light with this switch.
- Alarm duration: use to set alarm sound and flash LED duration. The range is 1-600 seconds.
- Auto disarm: this function use to set device auto disarm after several times alarm. The range is 0-10, when set value 0, it means disable this function.
- Mode sound: it will beep sound when operate by APP or remote controller. It can disable the beep sound with this switch.
- Mode light: it can know device working status with status LED. It can turn off status LED with this switch.

2.8 Reset factory settings

- Reset factory settings by APP: Reset factory settings will make the device remove all paired accessories. But device will connect with WiFi and device still can working on your APP.
- Press button to reset: press the device Setting button for 10 seconds, it will make device long beep when reset success and delete old WiFi settings. The device will disappear from your APP and needs to set WiFi to register device.

3. Technical Specification

Alarm panel size	110×56×33mm
WiFi protocol	802.11 b/g/n 2.4G only
Wireless sensor frequency	FSK 434Mhz
Working platform	Tuya APP “Smart Life”
Power input	100V~250V/50Hz
Battery type	AA size 2PCS (Battery standby time about 20-40 hours)
Standby power consumption	DC5V 50mA
Working range of wireless sensors	20-30 meters (No obstacles)
Siren volume	80-115 dB
Max quantity of sensors	20 PCS
WTL-063 temperature range	-20℃~+50℃ ±1℃
Storage temperature	-20℃~+60℃

SimPal-TY100

WiFi Freezer Temperature Monitor