

# Smart Cat Litter Box (Le)

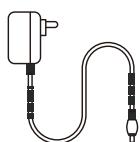
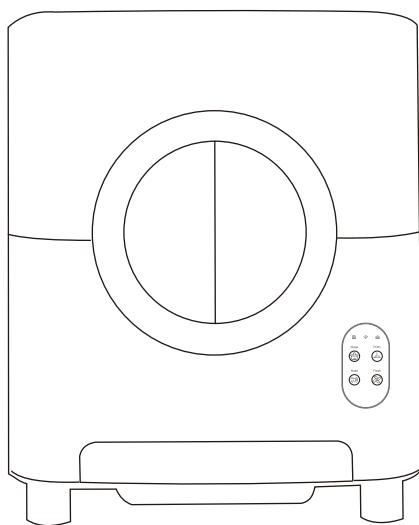
## User Manual



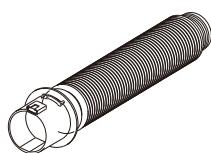
Our company is committed to create safe, comfortable, intelligent, and aesthetically pleasing pet products.

# Packing List

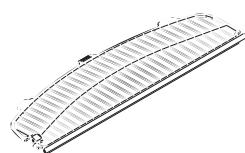
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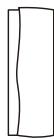
Power Adapter



Air Duct



Filter Screen



Garbage Bags (1 roll)



User Manual

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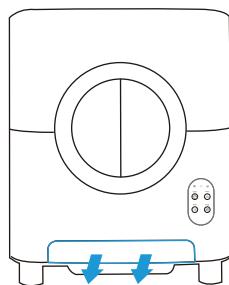
# 1. Quick Start Guide

- When unpacking the package, please place the product on a flat and sturdy surface, preferably in an area with a good network environment.
- Please avoid placing the device on soft surfaces such as cushions or carpets, as this can cause errors in the gravity sensor's operation, affecting the user experience and potentially rendering the automatic cleaning function ineffective. If the device is unable to function properly when placed on a soft surface, please place it on a hard surface (or place a hard wooden or metal board on the soft surface) to ensure its normal operation.



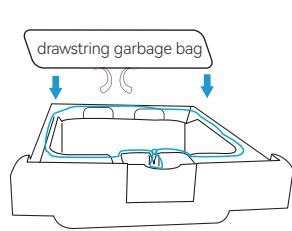
## (1/1) Operating Steps:

- After completing the following steps, connect the power supply and wait for the device to perform a self-check (approximately 3-5 minutes). Once the self-check is complete, the device is ready for use.



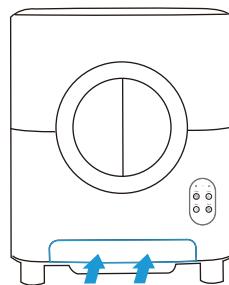
Step 1

- ① Remove the waste collection bin



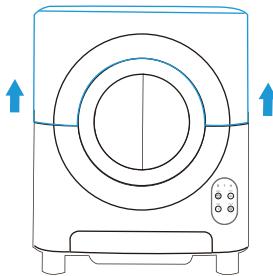
Step 2

- ② Install the garbage bag  
(\*refer to the instructions provided later for detailed installation steps)



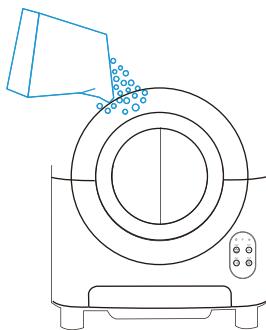
Step 3

- ③ Insert the waste collection bin



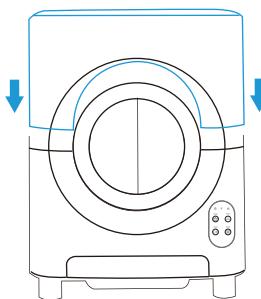
Step 4

- ④ Remove the top cover



Step 5

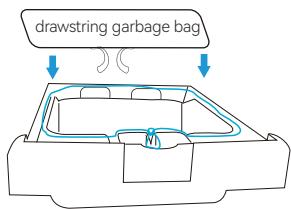
- ⑤ Add appropriate amount of cat litter



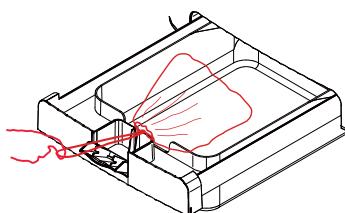
Step 6

- ⑥ Place the top cover back in position

## (1/2) Garbage Bag Installation and Usage :



(Figure1)

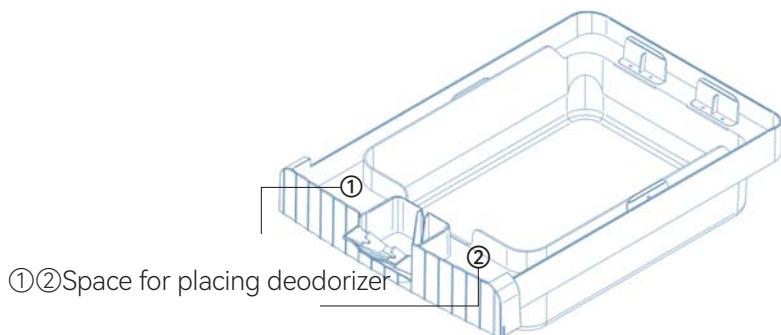


(Figure2)

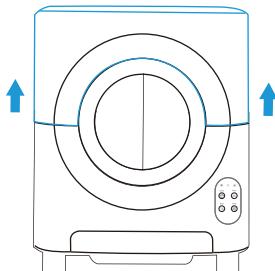
- After laying the garbage bag flat, insert the drawstring into the drawstring box at the front end. (Figure 1)
- When cleaning the feces, first open the drawstring box and pull out the drawstring, then the garbage bag can be securely sealed. Next, open the waste collection chamber. (Figure 2)

## (1/3) Placement for the Deodorizing Box:

- Please purchase deodorizer by yourself.

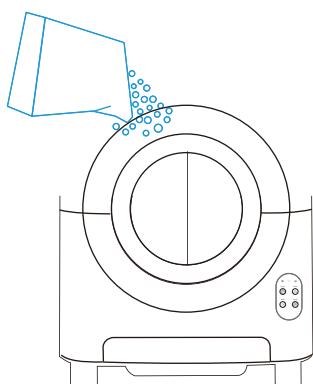


## (1/4) Method of Adding Cat Litter:



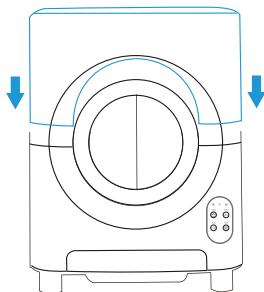
Step 1

① Lift the upper cover upward



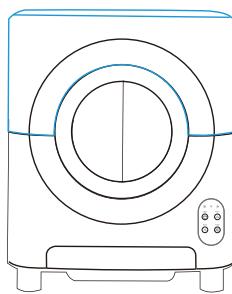
Step 2

② Add cat litter from the top opening of the drum



Step 3

③ After adding the cat litter, put the upper cover back in place



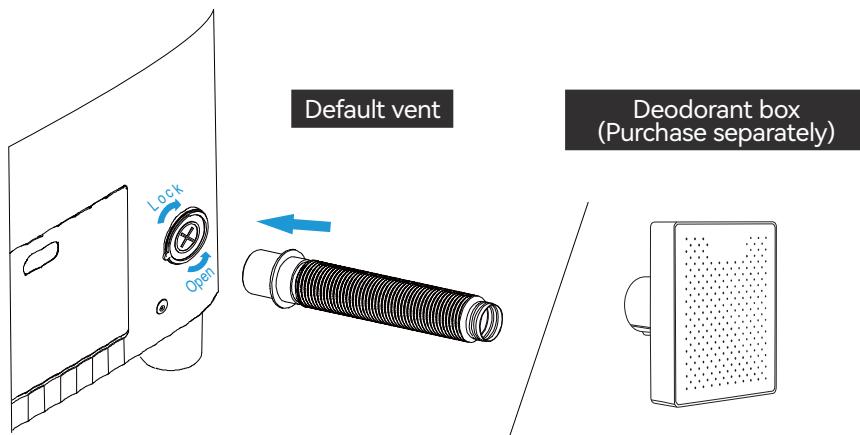
Step 4

④ Double-click  to release the child lock. Press the "Replace" button  to level the cat litter.

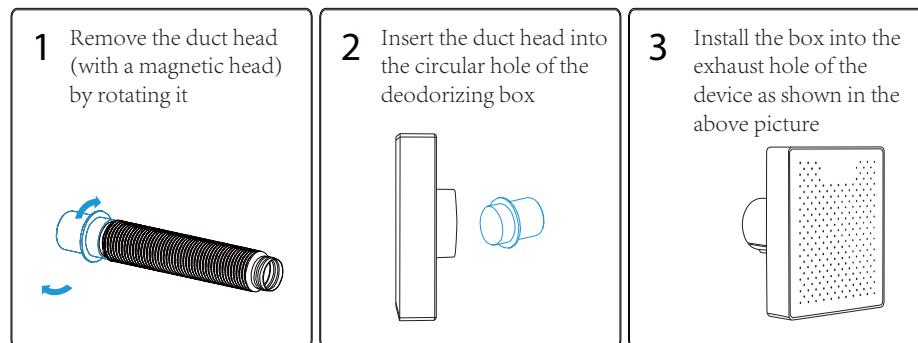
## (1/5) Air duct connection and installation:

- (1) Remove the rubber plug from the device's body ventilation duct interface.
- (2) Align the ventilation duct's outer interface protrusion with the duct socket on the device and insert it.
- (3) After inserting, rotate clockwise to lock the ventilation duct securely.
- (4) Rotate the ventilation duct counterclockwise to release it from the locking position and remove the duct.

**Note:** If the air duct is not installed or the air duct is installed incorrectly, the exhaust deodorization system of this product will not work.



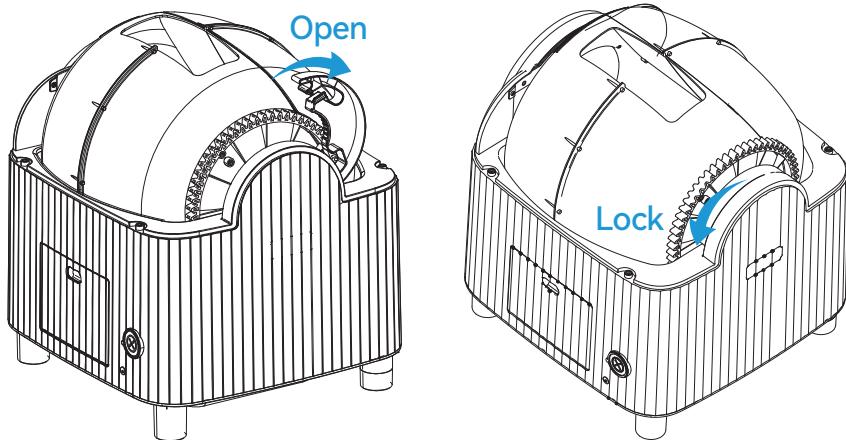
## Deodorant box installation steps:



## (1/6) Disassembly method for the cabin:

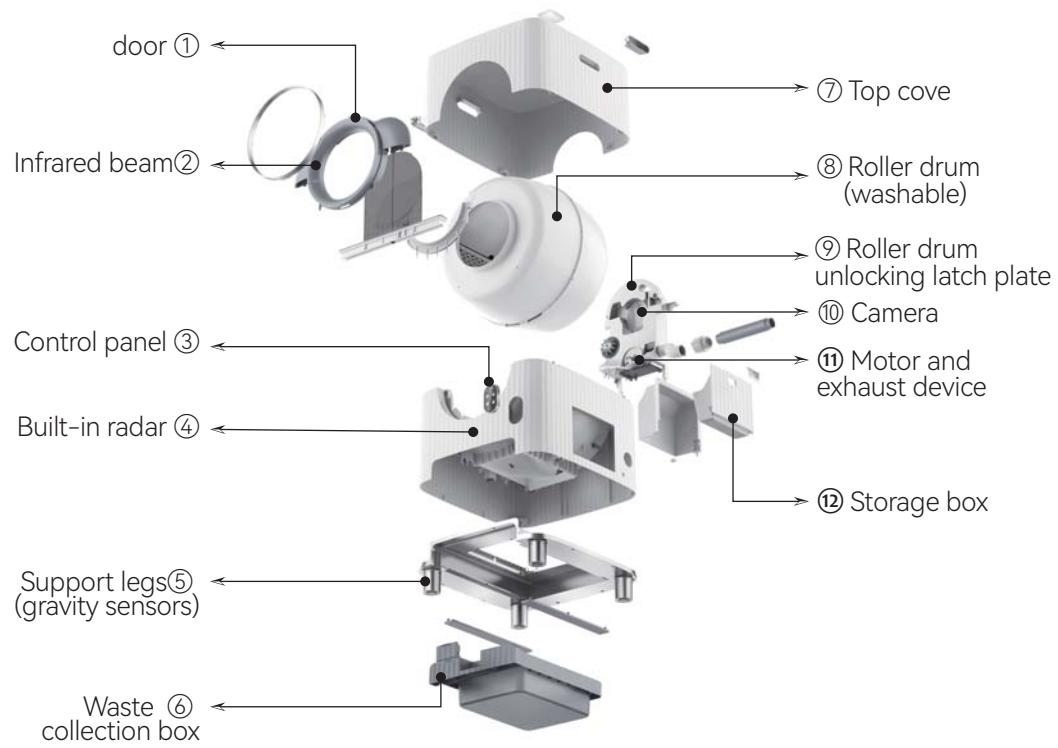
- (1) Remove the top cover.
- (2) Lift up the roller shaft pressure plate to remove the drum.
- (3) Push down the roller shaft pressure plate to lock the roller in place.

Tips: The cabin of this product can be removed, it is recommended to clean the cabin once every two weeks, after cleaning the cabin, the water stains should be wiped or dried before loading into the equipment.



## 2. Product Components

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### 3. Control Panel Functions

#### Introduction of indicator light status:

##### Status indicator lights

- Solid red light: Pets may enter the waste collection box and trigger anti-clip safety infrared. Or when the door of device is closing, it senses a moving object approaching.
- Red light off: The device is functioning properly.

##### WIFI indicator light

- White light flashing slowly: Device is waiting for network connection
- White light flashing quickly: Device is connecting to the network
- Solid white light: Device is connected to the network

##### Waste collection box indicator light

- Solid red light: The waste collection box is full and needs to be cleaned
- Red light off: The waste collection box is not full

#### Button functions introduction:

##### Cleaning and Door

- Short Press: Waste Cleaning
- Long Press: Forceful Opening of the cabin door

##### Leveling and Scooping

- Short Press: Leveling the litter
- Long Press: Replacing the litter, the device will dump the existing litter into the waste collection box

##### Child lock and sleep mode

- Double-click: Disable child lock
- Long Press: Long press after touching the child lock to put the device into sleep mode. Press and hold again to return the device to normal operation.

##### Odor Control and Network Reset

- Short Press: Ventilation and Deodorization of Exhaust Fan
- Long Press: Resetting Wi-Fi settings of the device, entering the waiting for network connection state

**Child Lock:** If there is no operation on the device panel for 30 seconds, the panel buttons will automatically lock (to prevent children and pets from accidental operation). In this state, the button will have a constant red light. The Child Lock can be deactivated by which the red light on the button will turn off.

## 4. APP Connection Method and Usage

1. Install the Tuya Smart app from the app store or scan the QR code below.

Follow the app instructions to complete the user registration.

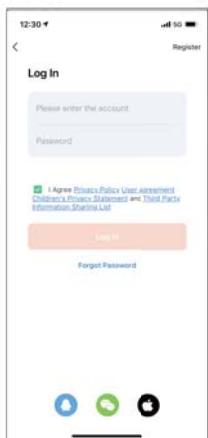


Please scan the QR code to download and install the app.



Download and install the app from the app store.

2. Please enable Bluetooth and Wi-Fi on your phone and make sure your phone is connected to Wi-Fi.

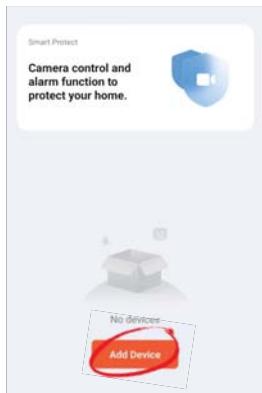


① After the installation is complete, please register an account.

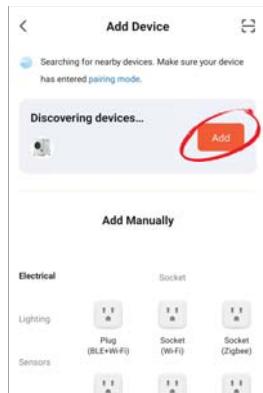
② Turn on your phone Bluetooth and connect Wi-Fi. Then, connect power source. If the network indicator light  is flashing slowly, it means it is waiting for network connection. If the indicator light is constantly on, you need to long-press the "Fresh" button  to reset the network settings of the device.

## (4/1) Procedure for connecting the network:

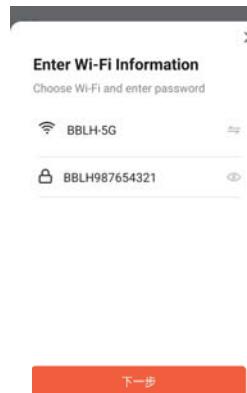
3. Open the app and select 'Add Device' or choose automatic recognition.



Step 1

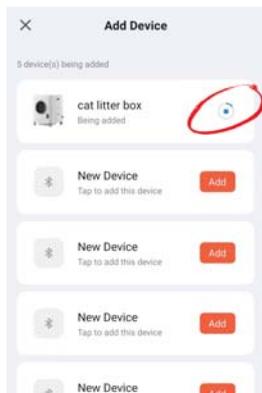


Step 2

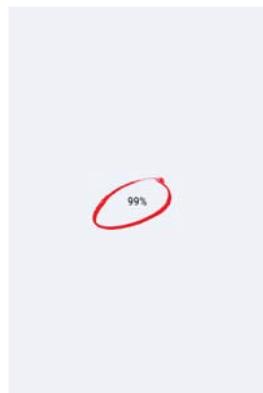


Step 3

- ① Open the Tuya Smart app and select "Add Device" ② The device is automatically discovered via Bluetooth. ③ Enter the correct Wi-Fi account and password. Select "Add" to proceed



Step 4



Step 5



Step 6

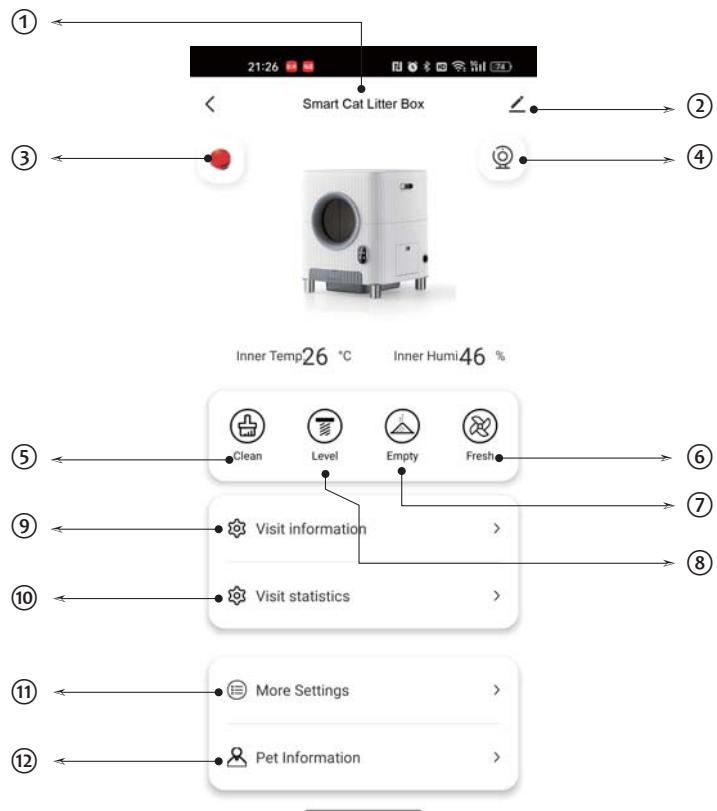
- ④ Device is connecting to the network ⑤ Device is initializing ⑥ APP Function Page

## (4/2) Solution to networking failure

### 4. If the network setup fails or times out, please check:

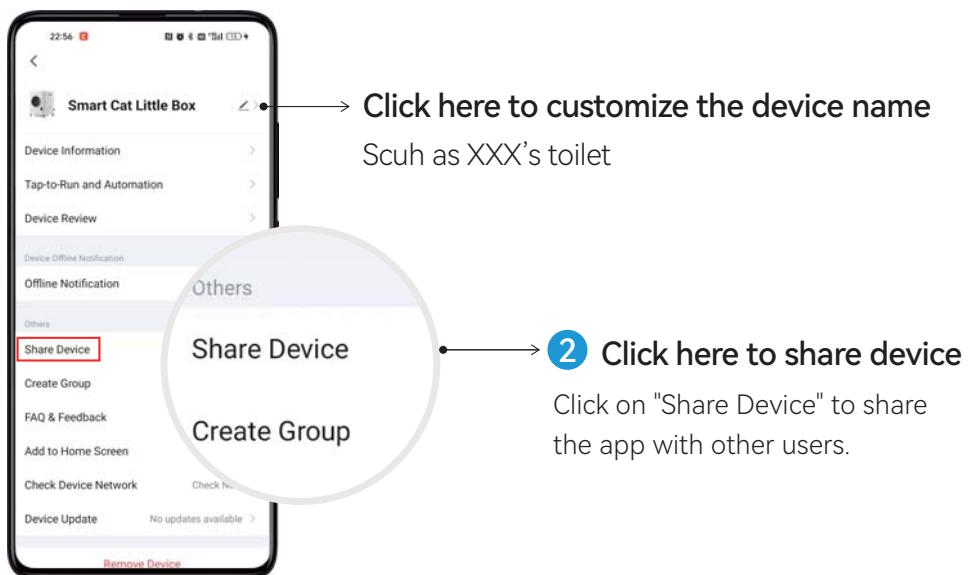
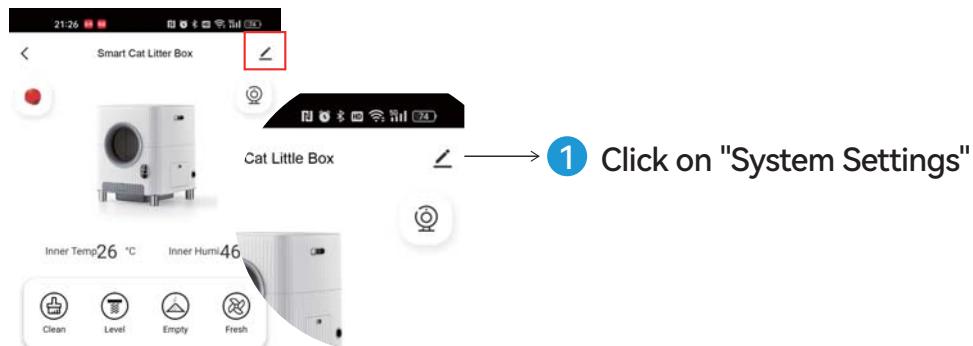
- To determine if your local Wi-Fi is working, you can check if other devices can successfully connect to and use the Wi-Fi network.
- Make sure that your phone has both Wi-Fi and Bluetooth enabled.
- Verify if the device is in pairing mode and if the Wi-Fi indicator on the panel is blinking. A slow blinking indicates that it is waiting to connect, while a fast blinking indicates that it is currently connecting.
- Check if there is a Wi-Fi network issue or if the network is down. Verify if other devices can connect to the network and use it properly.
- Make sure that you have entered the correct Wi-Fi account and password. Double-check the information you entered to ensure accuracy.

## (4/3) APP main interface:

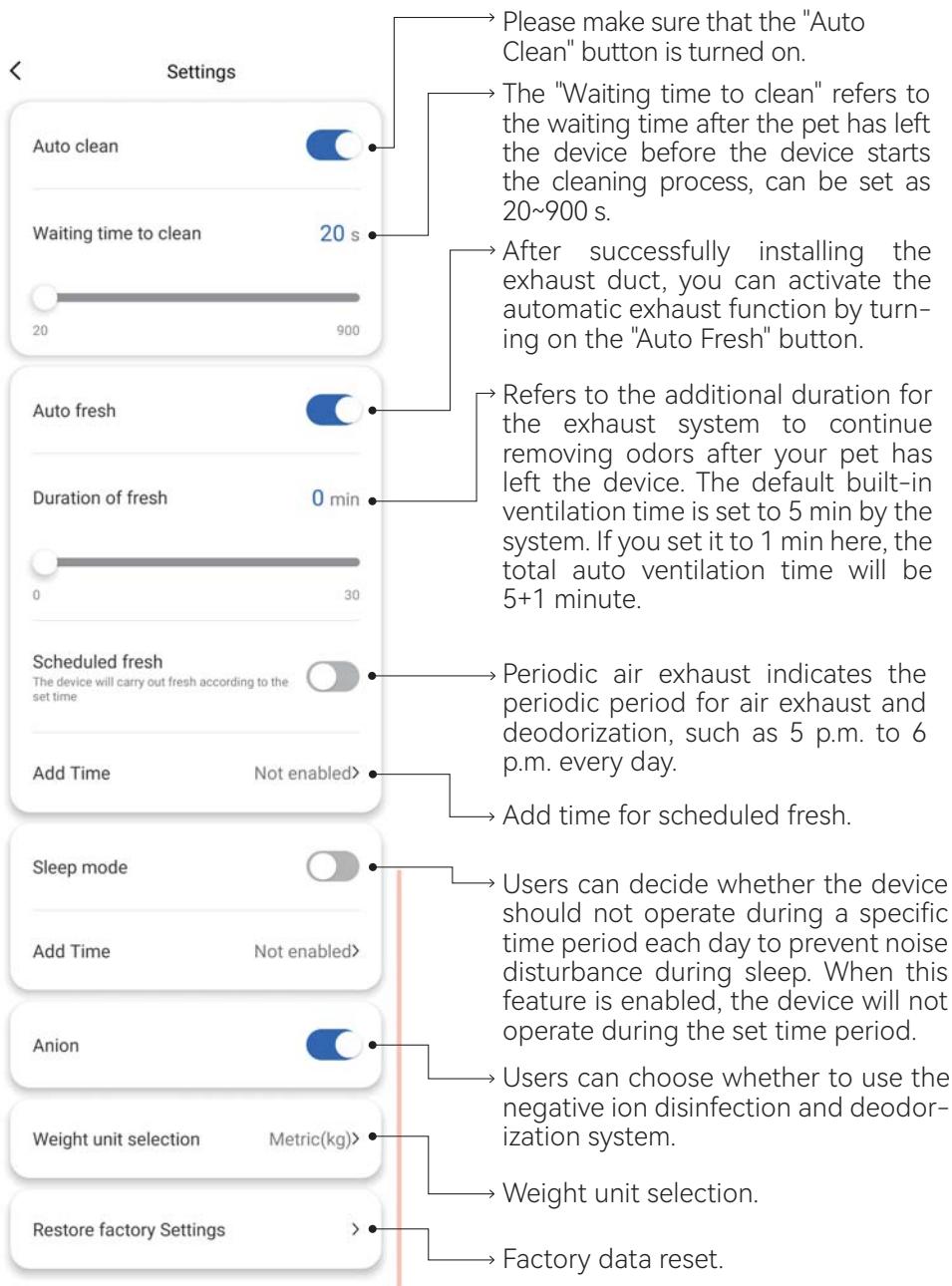


## (4/4) To share the app with other users/ customize the device name:

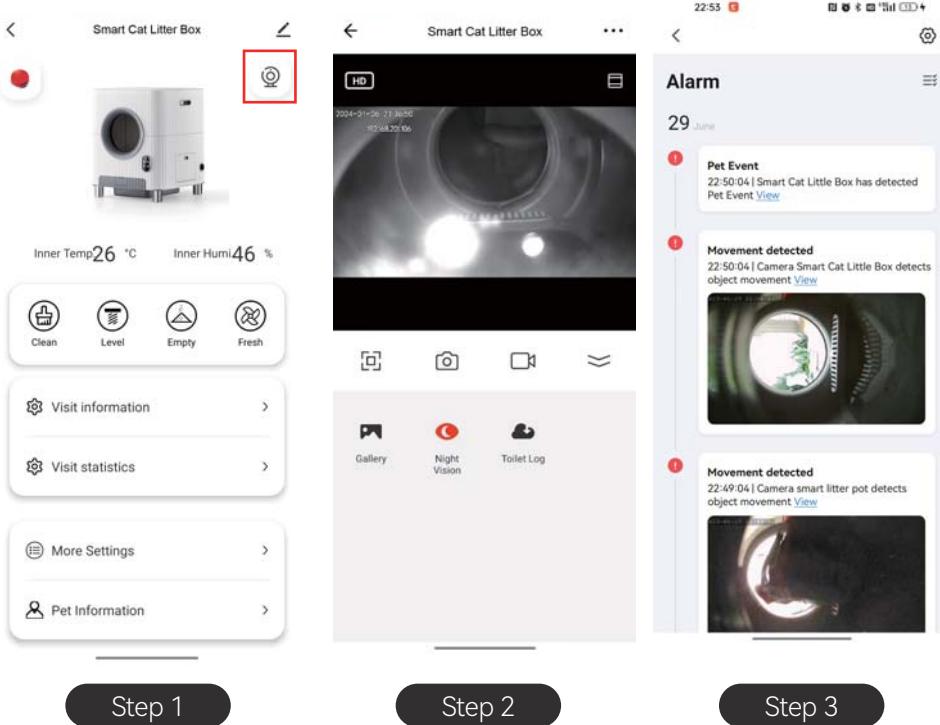
- (1) Click on "System Settings" in the upper-right corner
- (2) You can customize the device name in the settings for device name. Click on "Share Device" to share the app with other users.



## (4/5) More settings:



## (4/6) View video and document records:



Step 1

Step 2

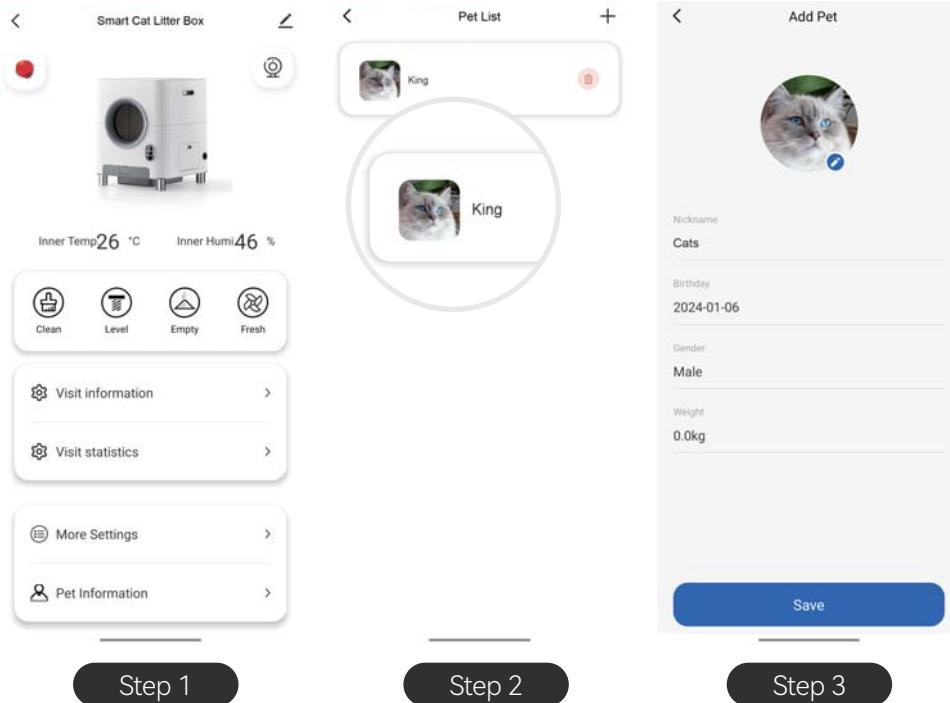
Step 3

**Step 1:** Tap the "Video" button on the main interface.

**Step 2:** On this interface, you can view the real-time internal status of the device, including the scene of your cat using the litter box. Click on toilet records to check the status of your pet's excrement and determine if your pet has diarrhea.

**Step 3:** Photos of Pet Excrement. After the pet has finished defecating and left the device, the camera will automatically take a photo of the excrement (tips: if your cat does not successfully bury its feces in the litter) for users to determine if the pet has diarrhea.

## (4/7) Identification of multiple cats:



**Step 1:** Click the "Pet Information" function to enter the pet list.

**Step 2:** Click the "+" at the top right to add pet information.

**Step 3:** In the "Add Pet" edit page, you can add the pet's name, age, etc. Please try to fill in the pet's weight accurately, otherwise it will be difficult to identify the pet's toilet records.

**REMARKS:** When the edited pet's weight changes within  $\pm 200\text{g}$  or  $\pm 0.44\text{ lbs}$ , the device will recognize it as the same pet, and the device will automatically update the latest weight of the pet. However, if the weight difference between two pets is within  $\pm 200\text{g}$  or  $\pm 0.44\text{ lbs}$ , the device may not be able to distinguish between two different pets, and in this case, the device may randomly allocate their toilet usage times. In addition, this product can recognize up to 3 pets.

# 5. Device Usage and Precautions

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## (1) operation process

- The pet enters the device, completes the defecation, and then leaves the device.
- The device will capture a photo of the pet's feces and upload it to the "Toilet Records" section in the mobile app management system.
- The exhaust deodorization system starts working and eliminates odors.
- The door starts to close. If a pet or a person approaches the device during the door closing process, the door will reopen.
- After the door is completely closed, the device starts to operate and clean the pet's excrement.
- After the door is opened, wait for the exhaust deodorization system to finish its work. Then, the negative ion generator starts working to disinfect and sterilize the device, as well as further eliminate odors.
- The device has finished its operation.

## (2) Precautions

- Please ensure that the pet weighs more than 1kg or 2.2 pounds to prevent any risks or delays in the device's ability to clean the feces or other potential accidents.
- Please do not place objects weighing more than 10kg or 22 pounds on top of the device to avoid any malfunction of the gravity sensor.
- When you encounter situations where the device is not functioning as expected, such as the device not properly cleaning after the pet's excretion, it doesn't necessarily indicate a device malfunction. It could be due to the pet quickly entering the device, which might prevent the sensors from detecting the pet's activity. You can manually initiate a cleaning or leveling process to restore the device to normal operation.
- After manually initiating the leveling or litter replacement process, it is necessary to move away from the device at a certain distance for it to start working.
- Please add cat litter from the top of the litter bin and then put the cover back on. Then manually perform a litter leveling action.
- Please pay close attention to the waste collection box notification messages. When you notice that the waste collection box is full, please clean the feces in a timely manner. Since the waste collection box is full, the device will not operate to avoid contamination.
- If the exhaust duct is not installed or installed incorrectly, the device's exhaust deodorization system will not work.

## 6. Device Maintenance and Cleaning

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- Please try to keep the area around the litter box entrance clean and promptly remove any dirt or debris, such as pet hair, to prevent interference with the infrared sensors on the door or outside of the compartment.
- Please clean the feces in a timely manner to avoid the waste collection box becoming full, which could cause the device to stop operating.
- It is recommended to clean the cylinder every two weeks. After cleaning, make sure to wipe or air-dry the water stains before putting it back into the device.
- We have implemented intelligent ventilation, negative ions, automatic door, and other technologies to maximize odor removal and deodorization. However, it does not mean that all odors emitted by pet waste can be completely eliminated. Therefore, it is still necessary for you to regularly clean the waste collection box and clean the cylinder to ensure a clean home environment.

## 7. Self-diagnostic and Common Issues

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- When you disconnect the power supply of the device and reconnect it, the product will go through a self-checking process. During this period, please do not press any buttons or place any objects on top of the litter bin. Please wait patiently for the self-checking process to complete.
- Activate Cleaning, Leveling, Replacing program once for each, to ensure they are working properly.
- If the ventilation system is not working properly, please ensure that the ventilation duct is properly inserted. After inserting the ventilation duct, rotate it clockwise to ensure that the sensor located near the ventilation duct is in the correct position. Manually initiate the "Fresh" function to check if the fan is working properly.
- To manually operate the control panel, you need to deactivate the "Child Lock" function. Otherwise, the control panel buttons will not respond.
- When initiating the automatic cleaning, leveling, or replacing functions of the device, it is recommended to maintain a distance of 1 meter or 3.2 feet from the device. This distance allows for the proper operation of the device and ensures pets' safety.

## 8. FAQ

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Q: How many cats can the multi-cat mode recognize at most?

A: It can recognize a maximum of 3 cats with a weight between 1-12 kg or 2.2-26.5 pounds. When creating profiles for pets, be sure to accurately fill in the weight information so that the device can correctly identify the pet's toileting behavior. In cases where multiple pets have similar weights, the device may have difficulty distinguishing them after toileting, resulting in random allocation for statistics.

Q: Why does the litter box rotate automatically after power on? Why does the sensor cleaning light turn on without me making any settings?

A: Because the device performs an self-check program every time it is powered on after a power outage, and the litter box returns to its initial position. This process takes approximately 2 minutes. After the self-check is complete, the device automatically enters the cleaning mode, and the sensor light turns on. If you need to make other mode settings, you can adjust them manually.

Q: Why does the device take a long time to clean?

A: The device is designed with a special program that reduces the cleaning operation speed. This is done to lower the noise level of the device and save on cat litter usage. It takes approximately 2 minutes to complete a standard cleaning cycle. Additionally, the high curiosity of cats near the device, which interrupts the operation, can also contribute to extended cleaning time. The lower speed is beneficial for timid cats as it reduces resistance.

Q: Why does the device rotate during the cleaning process?

A: The "sand-saving rotation" and "dynamic waste collection" features are specifically designed in this product to save cat litter usage and increase the capacity of the waste collection bin. Therefore, during the cleaning process, there will be a reverse rotation and occasionally a small amount of waste may roll out of the waste collection bin. This is within the normal operation of the device, and after the cleaning is complete, all waste will be collected back into the waste collection bin.

Q: How should I choose the type of cat litter?

A: Common types of cat litter available on the market can be used.

Q: Why can't the waste enter the waste collection bin when I clean it up?

A: It could be due to the waste collection bin being blocked by improperly placed cat litter or garbage bags, or the waste being too large to pass through. Please check if the waste collection bin can open and close smoothly. It is recommended to perform a check after installing a new garbage bag. The dimensions of the waste collection bin door are 350\*450mm. If there is oversized waste, it can be manually processed to a smaller size before cleaning again.

Q: Why is clean cat litter being dumped into the waste bin during cleaning?

A: Please add cat litter according to the indicated amount inside the litter box. Adding too much cat litter can cause it to exceed the capacity of the separator inside the litter box, resulting in excess litter being dumped into the waste bin, leading to litter waste.

Q: Do I need to clean the litter box by water? How often should I clean it?

A: The litter box and waste collection box can both be removed and washed with water. It is recommended to clean them approximately every two weeks to maintain a clean indoor environment and provide your pet with a clean and tidy toilet.

Q: Why is there still leftover litter in the litter box after using the litter replacement function?

A: The litter replacement function of the device is designed to pour the litter from the litter box into the waste collection bin. If the waste collection bin is already occupied by feces and doesn't have enough capacity, it may result in some litter not being successfully emptied into the bin. In such cases, you can try replacing the garbage bag and then perform the litter replacement function again.

Q: Why does the device sometimes fail to execute the automatic cleaning function?

A: The gravity sensor and the infrared sensor at the door are important sensing components for recognizing whether a pet has toileted. Therefore, ensure that the device is placed on a flat, hard surface to allow the gravity sensor to function properly. Also, keep the surface of the infrared sensor at the door clean and free of debris. Additionally, due to the unpredictable nature of special toileting actions by pets, there is a small probability that the device may not correctly identify whether the pet has entered or exited, preventing the automatic cleaning function to ensure pet safety. In such cases, users can manually initiate the cleaning program to restore normal operation.

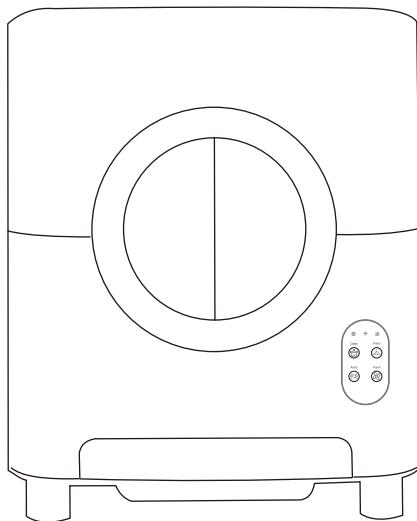
## 9. Product Disclaimers

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- Please follow the instructions in the user manual carefully for the installation and use of this device.
- Please use the device indoors and avoid placing it in direct sunlight. Keep it away from any sources of heat or flames.
- Please place the device on a flat and sturdy surface, and avoid placing any objects on top of it.
- Do not drag or drop the device when moving it to avoid causing damage to the device.
- Do not use the device's sensor cleaning mode for kittens weighing less than 1kg or lactating cats.
- The main unit of this device must not be soaked or submerged in water.
- Please unplug the power cord when moving, cleaning, or if the device will not be used for an extended period of time.
- Please use the original power adapter to avoid device damage or safety hazards.
- If children are using this device, please ensure that they are supervised by an adult.
- Please seek professional assistance for repairs to avoid any damage.
- If you encounter any issues with the product, please contact customer service for assistance.

## 10. Product Specifications and Parameters

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Product Name: Smart Cat Litter Box

Product Model: Le

Pet Type: Cat

Rated Power: ≤15W

Rated Voltage: DC12V

Execution Standard: GB47061-200

Overall Dimensions: 520×542×645mm

Cabin Dimensions: 460x460x410

Waste container capacity: 9 L

Recommended litter capacity: 7-8 L

## 11. Declaration

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- Dear user, thank you for choosing our company's Smart Cat Litter Box. Before using the product, please read this user manual carefully.
- We are not responsible for any damage, personal injury, or property loss caused by improper use of the product.
- To ensure the best user experience, the product may undergo continuous upgrades and iterations. The actual appearance and materials of the product may vary, and the images and text provided are for reference only.
- The accompanying documentation, accessories, consumables, and other related materials may vary in different batches due to product upgrades and optimizations. However, this does not affect the functionality of the product. Please refer to the actual items received. Updates will be provided without separate notification.
- The modification and interpretation rights of this user manual belong to the company.

# Warning

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## FCC Warning

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.

Note: 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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment. The device has been evaluated to meet general RF exposure requirement. To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation.

## TELEC Warning

5.2 GHz band is restricted to indoor use only (Except when communicating with 5.2GHz high power base stations or relay stations).