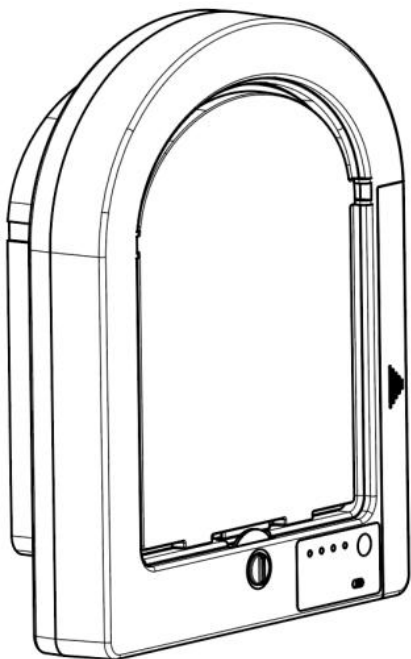


Smart Pet Door

RFID Smart Recognition · Four Access Control Modes



Please read the manual before use

Product Overview

Smart pet door is an intelligent access control device that uses RFID technology to read the sensing key worn by pets. Pets that can read keys can open the door, while animals that cannot read keys will be blocked outside the door, effectively preventing intruders from entering your home, suitable for cats and small to medium-sized dogs.

●Product Features

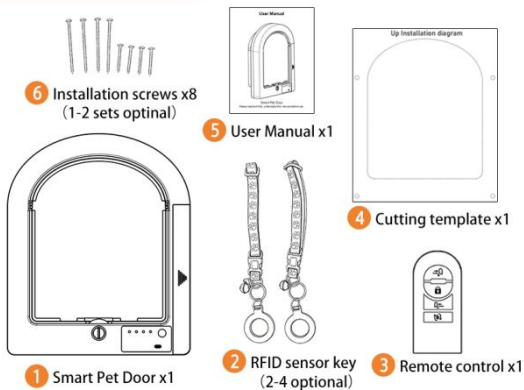
Intelligent Recognition	Passive Chip
Flexible Installation	Battery Powered
Four Modes	Remote Control Operation
Low battery alert	Perfect Gift

●Technical Specifications

parameter items	specification
Product Name	Smart pet door
Identification technology	RFID Radio Frequency Identification Technology
Door opening size	200mm (width) × 241mm (height)
Installation wall thickness	5mm~50mm (optimal: 35mm~45mm)
Power supply	4 x non-rechargeable alkaline AA

method	batteries (not included)
Battery life	Up to approx. 12 months (depending on usage frequency)
Low battery threshold	Alert when battery voltage drops below 4V
Radar sensing range	Approx. 1 meter (object proximity detection)
RFID effective sensing distance	Approx 20 cm from front
Access control mode	Locked / Enter Only / Free Access / Exit Only
Standby Timeout	Enters standby after 15~35 seconds of inactivity

Packing List



Installation Instructions

● Recommended tools:



Fastening tools

Phillips/flathead screwdriver



Auxiliary tools

Sandpaper, goggles, dust mask



Measuring tools

Tape measure, spirit level, pencil/marker



Cutting tools

Jigsaw, wall saw



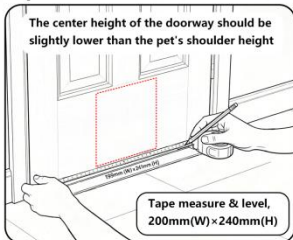
Drilling tools

Electric drill with bits

● Installation Steps

Step 1: Mark Installation Location

The center height of the doorway should be slightly lower than the pet's shoulder height

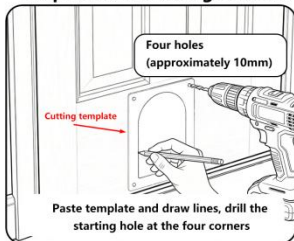


Step 2: Mark Cutting Outline

Four holes
(approximately 10mm)

Cutting template

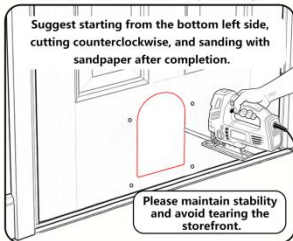
Paste template and draw lines, drill the starting hole at the four corners



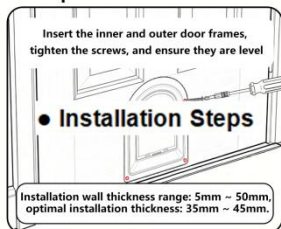
Step 3: Cut the Opening

Suggest starting from the bottom left side, cutting counterclockwise, and sanding with sandpaper after completion.

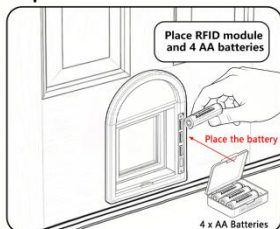
Please maintain stability and avoid tearing the storefront.



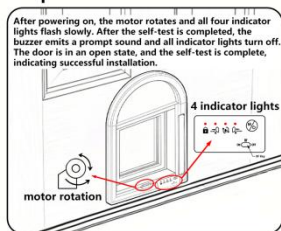
Step 4: Install Door Frame



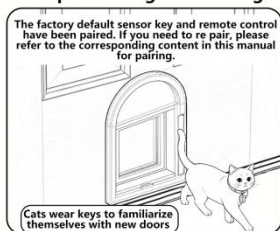
Step 5: Install Electronic Module



Step 6: Self-Test Confirmation



Step 7: Pairing and Testing



● Installation precautions

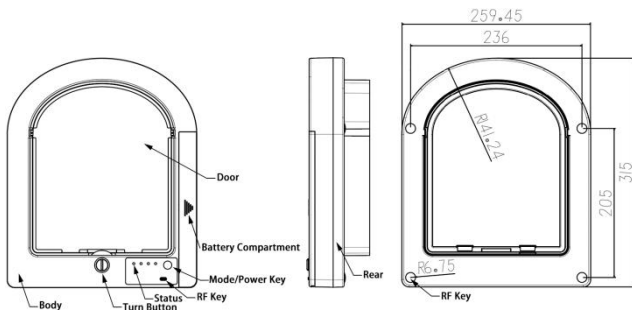
1. **Safety first:** Wear goggles and a mask when cutting, and confirm that the power cord is intact before using electric tools.
2. **Accurate Measurement:** Follow the "measure twice, cut once" principle. Ensure the template is completely level when using it.
3. **Wooden Door Installation:** Be aware of the door's internal structure. Hollow doors have poor screw-holding capacity; install carefully to avoid stripped screws.
4. **Glass Door Installation:** Tempered glass cannot be cut. You must purchase a pet door kit designed specifically for glass doors or custom-order pre-cut glass. Never attempt to cut

tempered glass yourself.

5. **Wall Installation:** Only install on non-load-bearing walls. Before cutting, confirm there are no electrical wires or water pipes inside the wall. Never cut large holes in load-bearing walls.
6. **Electronic Module Protection:** The electronic module should be installed on the interior side to avoid exposure to sun and rain. Ensure the battery compartment cover is tightly closed.

Functional Diagram

● Smart Pet Door



Component	Function Description
Power Button (M Button)	Long press 2 sec to power on/off; short press in powered-on state to cycle through 4 access modes; long press 5 sec to enter key pairing mode
Indicator Lights (4)	Display device working status: Slow flashing indicates self checking, constant light indicates

	corresponding mode working, flash flashing indicates low battery reminder, and scrolling through the device indicates pairing status
RFID Detection Area	Reads the sensor key worn by your pet; effective range approx 20 cm from front
Radar Sensor	Detects approaching objects within approx. 1 meter; used to wake the device
Buzzer	Emits beeps for status indication and pairing confirmation
RF Switch	Set to ON to enable card-swipe function; set to OFF to disable card-swipe (only button and remote control available)
Battery Compartment	Holds 4 non-rechargeable alkaline AA batteries
Center Knob	When battery is low or device is non-functional, use a coin to manually rotate the center knob to adjust access mode

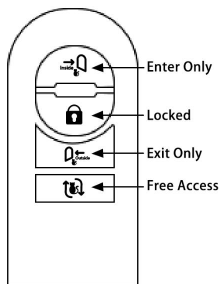
●Pet Door Remote

Pet Door Remote Control Function: Press any of the four buttons briefly to switch the pet door's operating mode.

Enter Only: Pets are allowed in only.
Locked: Pets are not allowed to enter or exit.

Exit Only: Pets can only go out.

Free Access: Pets allowed in and out.



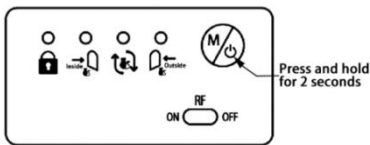
Detailed Operating Instructions

●Power-On and Self-Test

After inserting batteries, the pet door enters self-test mode: the motor rotates and all 4 indicator lights flash slowly. When self-test is complete, the buzzer emits one beep, all indicator lights turn off, and the door remains open — self-test is complete.

●Four Access Modes

The pet door has four access modes. Long press the power button for 2 seconds to power on or off. In the powered-on state, short press the button to cycle through the four modes, or use the remote control to switch modes.



Mode 1: Locked (No Entry or Exit)

The default startup mode is Mode 1 (entry and exit prohibited). In this mode, swiping the card is invalid, the door is in a closed and locked state, and the corresponding indicator light is constantly on. If there is no operation, it will enter standby mode after 35 seconds and the indicator light will turn off.

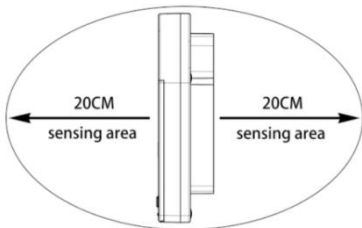
If the radar detects a pet carrying an induction key approaching (with an effective range of about 20CM), the indicator light will turn on and wait for mode switching or other operations.

Mode 2: Enter Only

Click the button to switch to mode two (only in, no out), the motor rotates to the state of only in, no out, and the corresponding indicator light stays on.

If there is no operation or object approaching, after 15 seconds, the door will close and lock, the indicator light will turn off, and enter standby mode.

If the radar detects a pet carrying an induction key approaching, the indicator light will light up, the card will approach the door (effective range of about 20CM), the door will open, and the door will be in a state of only entering and not exiting, waiting for the pet to enter. After the pet enters, the door returns to the closed position, senses the magnet, and the motor rotates to close and lock the door.



Mode 3:Free Access

Click the button to switch to mode three (free entry and exit), the motor rotates to the free entry and exit state, and the corresponding indicator light stays on.

If there is no operation or object approaching, after 15 seconds, the door will close and lock, the indicator light will turn off, and enter standby mode.

If the radar detects a pet carrying an induction key, the indicator light will turn on, the card will approach the door (with an effective range of about 20CM), the door will open, and the door will be in a free entry and exit state, waiting for the pet to enter or exit.

After the pet enters or leaves, the door returns to the closed position, senses the magnet, and the motor rotates to close and lock the door.

Mode 4: Exit Only

Short press the button to switch to mode four (only out, not in), the motor rotates to the state of only out, not in, and the corresponding indicator light stays on.

If there is no operation or object approaching, after 15 seconds, the door will close and lock, the indicator light will turn off, and enter standby mode.

If the radar detects a pet carrying an induction key, the indicator light will turn on, the card will approach the door (effective range of about 20CM), the door will open, and the door will be in a state of only going out and not entering, waiting for the pet to leave.

Note: After the entry or exit action is completed, if there is no action immediately, it will enter standby mode again after 15 seconds, waiting for wake-up. (Radar sensing range is about 1 meter)

●RF Switch Function

Set to ON: the card-swipe function is enabled, and the pet door can be controlled by card swipe, remote control, or button.



Set to OFF: the card-swipe function is disabled, and the pet door can only be controlled by button and remote control.

●Pairing Instructions

Each pet door comes with two or four sensor keys and one remote control, pre-paired at the factory. If you find that the sensor key or remote control does not work, please follow the methods below to pair them.

Sensor Key Pairing: Long press the button for 5 seconds; the buzzer emits three beeps to indicate entry into key recording

mode, which also deletes all previously recorded access information. Bring the sensor key close to the door; the buzzer emits one beep to indicate successful recording. Multiple keys can be recorded simultaneously.

Remote Control Pairing: In key recording mode, bring the key close to the door and press any button on the remote control. The door emits two beeps to indicate successful remote control pairing.

Note: When the indicator lights are in a scrolling state, the device is in pairing mode. It will automatically exit pairing mode after 10 seconds of no key recording activity.

When the number of recorded cards exceeds 4 and the indicator light remains in a rolling state without allowing exit, remove the battery and power it on again to restart.

● Low Battery Alert and Manual Operation

When battery voltage drops below 4V, the door returns to the open position and the two middle indicator lights flash rapidly, indicating that batteries need to be replaced.

When the battery is insufficient or the device cannot operate, you can use a coin to manually rotate the center knob to adjust the access mode.

Precautio

To ensure proper product use and personal safety, please strictly observe the following precautions.

1. When using the card-swipe access function, check that the RF switch is set to ON.
2. If the RFID key cannot be recognized, please re-pair it.

3. When battery voltage is too low, the pet door enters a locked state and continuously emits alert beeps. Do not restart (or manually rotate the mode) before replacing the batteries.
4. If the pet door lock cannot open due to rotation deviation, it indicates insufficient battery power; replace the batteries.
5. When the pet approaches, the corresponding access indicator light turns on but the door cannot open. Check whether the axle plate and door flap are properly adhered, causing excessive resistance that prevents the motor from rotating. After adjustment, use the button (or remote control) to recalibrate the motor's home position.
6. When the indicator lights are in a scrolling state, the device is in pairing mode and will automatically exit after 10 seconds of no key recording activity.
7. When switching modes, press the M button to wake the device, then press the M button again to adjust the mode.
8. This device is not waterproof. Do not use it outdoors or in humid environments.
9. Do not allow children to climb on or play with the pet door, to prevent pinching injuries or device damage.
10. Do not disassemble the electronic module yourself, to avoid damage or safety hazards.
11. The effective detection distance of the RFID key is approx. 10 cm from the front of the pet door. Ensure the key worn by your pet is close to the detection area.

Troubleshooting

If the product experiences abnormal conditions, please refer to the table below for troubleshooting. If you cannot resolve the issue yourself, please contact after-sales service.

Problem	Possible Cause	Solution
No response to card swipe	RF switch not set to ON; battery low; sensor key not paired	Set RF switch to ON; replace batteries; re-pair sensor key
Sensor key not recognized	Key damaged or not paired; foreign object blocking detection area	Re-pair key; clean detection area; replace key
Door cannot open	Battery low; improper adhesion of axle plate and door flap causing excessive resistance	Replace batteries; check and adjust axle plate and door flap adhesion; recalibrate motor home position
Motor does not rotate	Battery depleted; door flap jammed; circuit malfunction	Replace batteries; clear debris from door flap track; contact after-sales for repair
Indicator lights flash rapidly	Battery voltage below 4V	Promptly replace all 4 alkaline AA batteries with new ones
Remote control not responding	Remote not paired; remote battery depleted	Re-pair remote control; replace remote control battery
Door lock rotation deviation	Insufficient battery power causing inadequate motor torque	After replacing batteries, use button or remote to recalibrate motor home position
Device cannot power on	Batteries not installed correctly; batteries completely depleted	Check battery polarity orientation; replace with new batteries

Maintenance and Careg

●Daily Cleaning

Regularly wipe the pet door surface and door opening edges with a clean, soft, damp cloth to keep the device clean. Avoid using corrosive cleaners, alcohol, or organic solvents, as these may damage the door surface and electronic components. Always turn off the device power before cleaning.

●Regular Inspection

- ◆ Check screws monthly for looseness; tighten promptly if loose.
- ◆ Clean dust and pet hair from the detection area, door flap track, and door flap edges monthly.
- ◆ Check battery level every 3 to 6 months to prevent battery leakage from corroding the battery compartment.
- ◆ After any pet collision or strong pulling, immediately inspect the door frame for deformation and components for damage.
- ◆ Regularly check that the axle plate and door flap adhesion is secure, ensuring normal motor operation.

●Battery Maintenance

It is recommended to use high-quality alkaline AA batteries for longer battery life. When not using the product for an extended period, remove the batteries for storage to avoid battery leakage damaging the device. When a low battery alert occurs (two middle indicator lights flashing rapidly), promptly replace all 4 batteries. Mixing old and new batteries is not recommended.

●Pet Adaptation Guidance

After initial installation, it is recommended to first disable the

RFID lock function and let your pet pass through the door freely several times to become familiar with it. You can place your pet's favorite treats on both sides of the door opening to guide them through. Once your pet is adapted, enable the RFID recognition function and ensure your pet wears the sensor key correctly.

After-Sales Service and Warranty

●Warranty Policy

This product comes with a one-year warranty from the date of purchase. During the warranty period, faults caused by product quality issues are eligible for free repair or replacement. The following situations are not covered by the warranty:

- ◆ Damage caused by unauthorized disassembly, modification, or improper use.
- ◆ Damage caused by external factors such as dropping, collision, or water exposure.
- ◆ Damage caused by using non-specified batteries or battery leakage.
- ◆ Damage caused by natural disasters (lightning, fire, etc.).
- ◆ Damaged warranty label or altered serial number.
- ◆ Products beyond the warranty period.

FCC Compliance Statement

This device complies with Part 15 of the FCC regulations. The operation must meet the following two conditions:

- ◆ This device must not cause harmful interference,
- ◆ This device must accept any interference received, including interference that may cause accidental operation.

Any changes or modifications made without explicit approval from the responsible compliance party may render the authority to operate the device invalid.

Note: After testing, this device complies with the restrictions of Part 15 of the FCC regulations regarding Class B digital devices.

These restrictions aim to provide reasonable protection for residential installations and prevent harmful interference. This device generates, uses, and may radiate radio frequency energy. If not installed and used according to instructions, it may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur during a specific installation.

If this device does cause harmful interference to broadcast or television reception (which can be determined by turning off and on the device), it is recommended that users try one or more of the following measures to eliminate the interference:

- ◆ Adjust the direction or position of the receiving antenna again.
- ◆ Increase the distance between the device and the receiver.
- ◆ Connect the device to a socket with a different circuit from the receiver.
- ◆ Consult with dealers or experienced radio/television technicians for assistance.

●FCC Radiation Exposure Statement

This device complies with the radiation exposure limits set by FCC for uncontrolled environments.

- ◆ The installation and operation of this device should ensure that a distance of at least 20 centimeters is maintained between the radiator and the human body. (Smart Pet Door)
- ◆ The device has been evaluated to meet the general RF exposure requirements. This device can be used without restrictions under portable exposure conditions. (Remote Control)