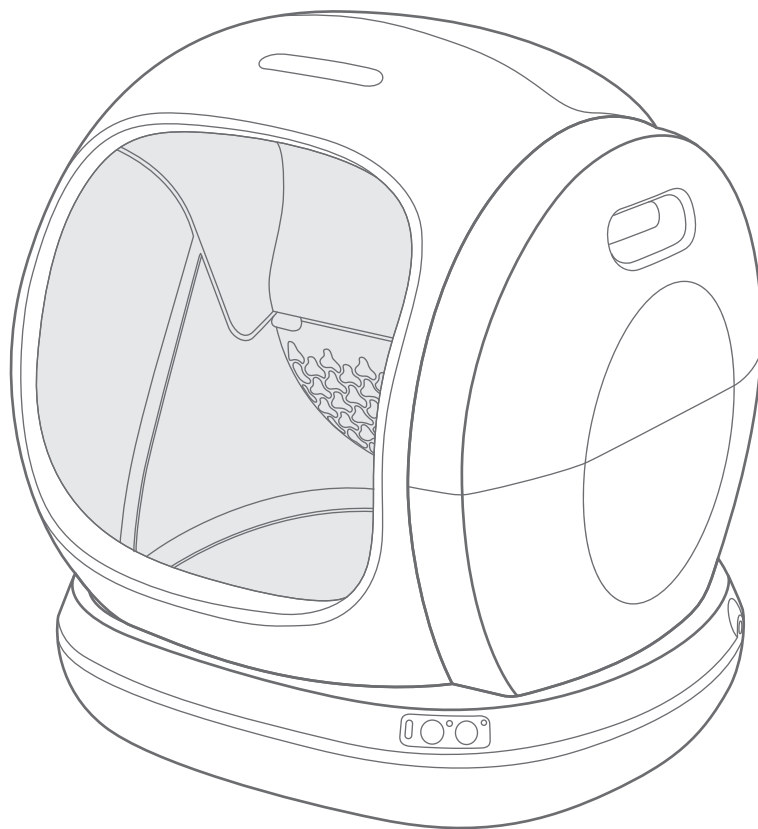


UBPet



Smart Cat Litter Box

Please read this manual carefully before using the product and store it properly

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Read all instructions before use and save for future reference.

Part I Important Safety Instructions



Cat or kitten must weigh at least 3lbs and age 4 months or more to safely use the litter box.



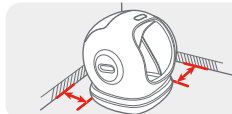
Please remove the litter cleaning board before first use.
The litter cleaning board is only used when the cat litter needs to be emptied. Please remove it in time after use. Otherwise, the cat litter will be cleaned into the waste bin, causing waste.



DO NOT place on carpet. Place on a firm.
DO NOT put anything in the unit other than clumping litter or litter beads and crystals.



DO NOT place the product on the edge of a high table to avoid damage from falling.



DO NOT touch any walls. Leave a little space around.
DO NOT sit on or place anything on top of the litter box.

Intended use

- Make sure the product is close to the WIFI signal source and away from other interfering household appliances.
- Check whether the litter box liner is properly set, Make sure the deodorization cover is not stuck.
- Make sure the waste bin is put back into place, Make sure the top cover is tightly closed.

Electricity safety

- **DO NOT** operate the appliance if it has a damaged power cord or plug, or if it is malfunctioning or has been damaged in any manner.
- The appliance is only to be used with the unit provided.
- **DO NOT** wet or submerge the bonnet or base, or allow moisture to come into contact with these parts.

- Always unplug when not in use, before putting on or taking off parts and before cleaning.

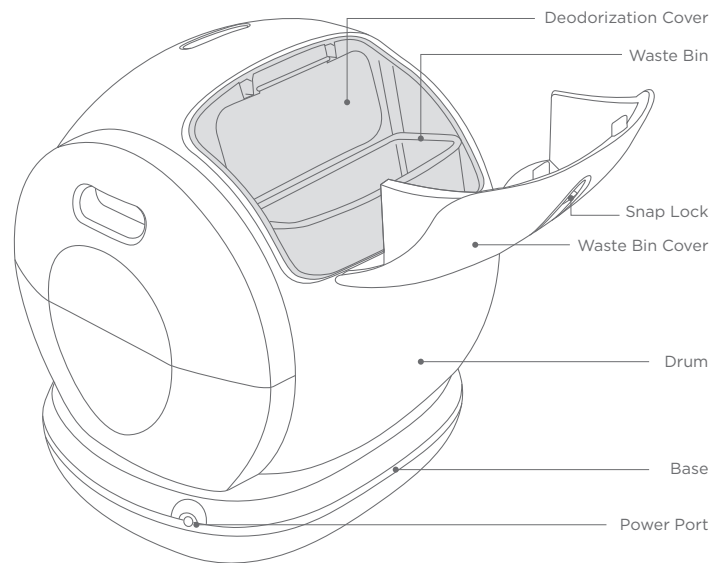
Related to use

- Always place the litter box on a firm, level surface. Avoid soft, uneven, or unstable flooring, which may affect the ability of the unit to detect your cat. If using litter mats or rugs, place in front of, or completely under, the unit. Do not place mats partially under the unit.
- Keep indoors in a cool, dry location. Reduce exposure to high temperature and humidity.
- Clean up the waste bin before replacing the litter.
- **DO NOT** continue pushing the cover when already opened to the max.
- **DO NOT** overfill, add new cat litter below the edge of the Anti-Adhesion Pad.
Note: cat litter (length<15 mm).
- **DO NOT** move by holding the drum. Move by holding the base with both hands.
- **DO NOT** touch while rotating.
- **DO NOT** wash the base directly with water.
- **DO NOT** force your cat into the litter box.
- **DO NOT** attempt to disassemble, repair, modify or replace any part of your product. All servicing should be performed by qualified personnel only. No user serviceable parts inside.
- Dispose of all packaging materials properly. Keep away from children and pets.
- Always wash hands thoroughly after removing the waste. Pregnant women and those with suppressed immune systems should note that a parasite sometimes found in cat feces could cause toxoplasmosis.
- How often you will need to replace the litter box liner depends on the number and size of your cats. We recommend to replace every 3 to 5 days to avoid bacteria growth.

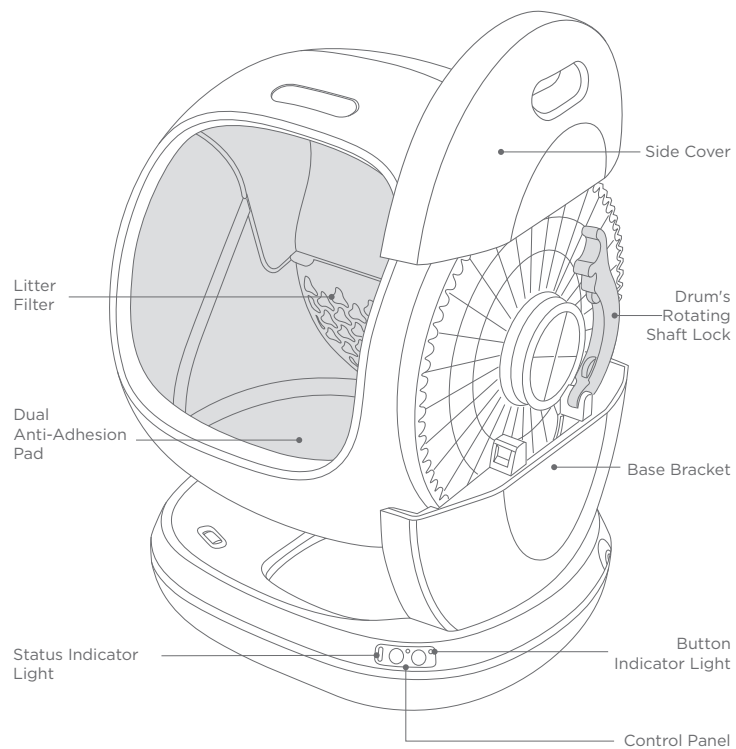
Part II

Product Introduction

2.1 Product Structure



Other Accessories



2.2 Control Panel



Clean

- Press once to start cleaning. If already started, press it again to pause.

Set Up WiFi

- Hold for 3s to start connecting with WiFi (status indicator flashes blue).



Flatten

- Press once to start spreading the litter flat. If already started, press it again to pause.

Child lock

- Hold for 3s to lock or unlock (status indicator flashes green twice).



Restore to Factory Settings

- Hold  and  simultaneously for 5s to restore to factory settings.

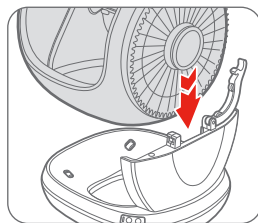
2.3 Status Indicators

Status Indicators	Button Indicators	Function description
Solid Blue	 No light  Flash  Solid	Normal working state (button indicator lights are not lit or one of them is constantly on or flashing)
	  /   /  	
	 	
Flashing Blue	 	Firmware upgrading
Solid Green	 	Restoring to factory settings
Flashing Green Twice	 	Setting up WIFI
Flashing Green	 	In the stationary state: (1)Affected by gravity (2)Cat defecation
Flashing Green	 	Child Lock on/off
Flashing Green	 	Reset
Solid Red	 	When pausing the cleaning or flattening process, the button indicator light will flash, and the status indicator light will remain solid red until the pause is over
	 	When cleaning or flattening, if the device is affected by gravity, the button indicator light will remain on, and the status indicator light will remain solid red
	 	Side cover opened
	 	Drum not in place
	 	Motor error

3.1 Setting Up



Place the litter box indoors on a firm, level surface and in a cool, dry location. Do not touch any walls. Leave a little space around.

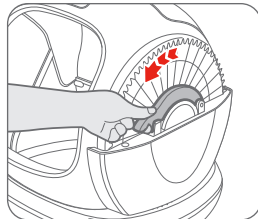


1

Place the drum on the base.

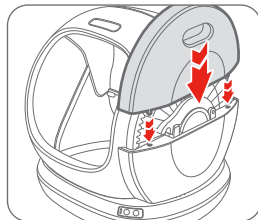


Note: The drum's rotating shaft should be placed in the slot of the base bracket, and once confirmed, the drum should no longer rotate.



2

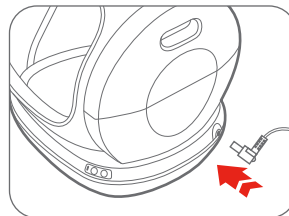
Lock the drum's rotating shaft lock.



3

Insert the side cover into the slot of the base bracket.

3.2 Turn on



Plug in the litter box. The drum will rotate a full circle automatically. Wait for it to return to Home position, then the unit is ready for use.

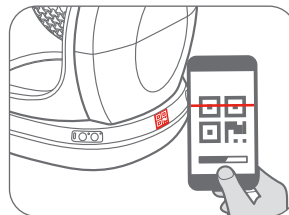


Note: Make sure the cable is not stuck in the rotating shaft. Keep the cable away from cats.

3.3 Using With APP

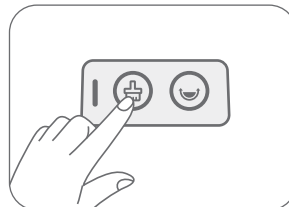


- Make sure your smart device is connected to a secure 2.4GHz network and bluetooth is enabled.
- Make sure the drum is in the Home position before connecting.



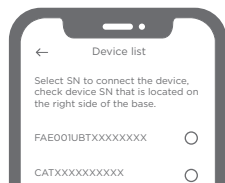
1

Scan QR code on the right side of the base to download APP, Register as instructed.



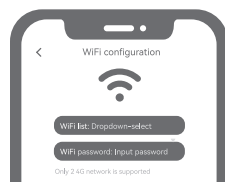
2

Hold  for 3s to bring the litter box into pairing mode (blue indicator flashing). Tap Next to continue.



3

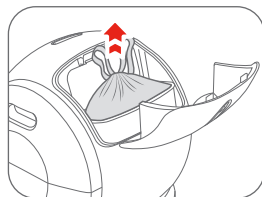
Select SN to connect the device, check device SN that is located on the right side of the base.



4

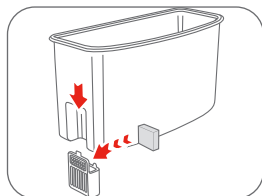
Select a 2.4GHz Wi-Fi network and enter password. Tap Next to complete connection. Once successfully connected, the indicator will stay solid blue. If failed, follow the steps and retry.

3.4 Replacing Litter Box Liner and Deodorizer



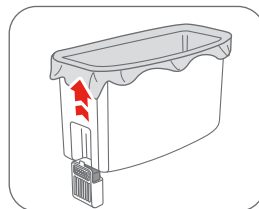
1

Pinch the snap lock inward to open the cover. Gather the edges of the liner and dispose. Take out the waste bin.



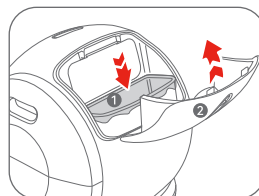
2

Slide out the deodorizer holder and place deodorizer in.
Note: The deodorizer needs to be purchased separately.



3

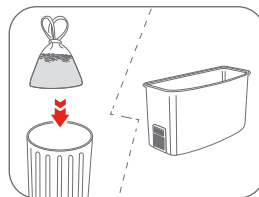
Slide the deodorizer holder back. Spread the new bag evenly inside and smooth out all edges.



4

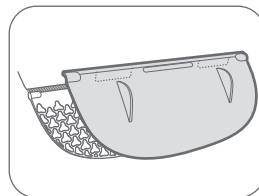
Place the waste liner back in place. Pinch the snap lock inward to lock the cover.

3.5 Replacing Cat Litter



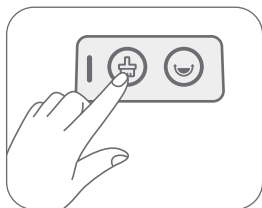
1

Empty and clean up the waste bin.
Then replace with a new litter box liner. Make sure the deodorization cover is not stuck.



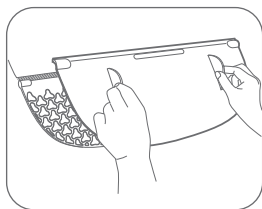
2

Fix the litter cleaning board.
Insert the legs of the litter cleaning board into the gaps above the filter.



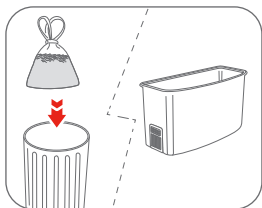
3

Press the button (power icon) to start emptying the litter, and click again to pause the cleaning function.



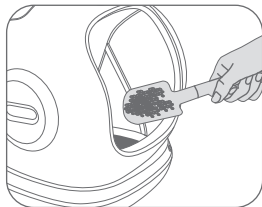
4

Wait for the drum to complete the rotation, Pinch the protrusion and remove the litter cleaning board.



5

Wait until the empty cycle is done (drum stops rotating). After the litter is emptied, clean up the waste bin. Then replace with a new liner.

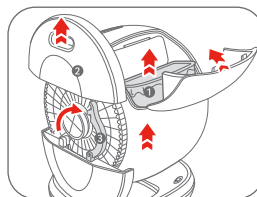


6

Add new cat litter below the edge of the Anti-Adhesion Pad and click (smooth icon) to smooth the cat litter, Do not overfill.

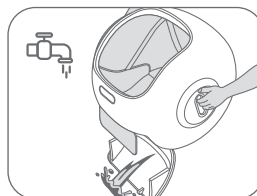
Note: Cat litter (length<15 mm).

3.6 Care and Cleaning



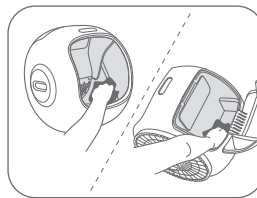
1

Clean up the waste bin, then unplug the litter box. Remove the side cover, unlock the drum shaft lock, and take out the drum.



2

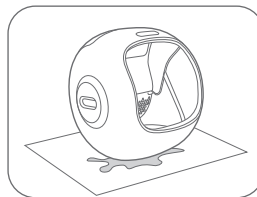
After washing the drum with water, open the waste bin cover to allow the accumulated water to flow out from the waste bin outlet.



3

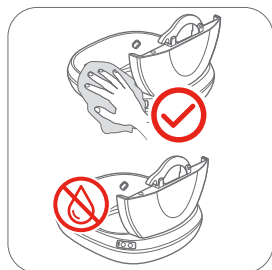
Wipe the inside of the drum and waste bin with a soft and damp cloth.

Note: Dry the drum before use to prevent cat litter from sticking to the drum.



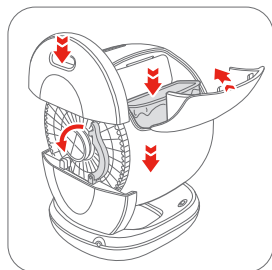
4

Straighten the drum and place it in a well-ventilated area to drain any residual water. Air dry thoroughly before reassembling.



5

Wipe the base with a soft and damp cloth. Do not rinse or immerse in water.



6

Install all parts back in place as instructed in "Setting Up" and "Replacing Litter Box Liner and Deodorizer".

Part IV

Functional Parameters

4.1 Operating Modes

Mode	Description
Auto Mode	When the cat leaves the drum, the machine will clean litter automatically according to selected time period.
Manual Mode	The start, pause and automatic cleaning can be controlled via machine and App.
Timing mode	Set the time of automatic cleaning via app.
Do Not Disturb Mode	Set no interference time period via app to avoid automatic cleaning.

4.2 Multiple Protection Mechanisms

Protection function	Priority	Description
Weight Protection	Level 1	The weighting protection will be triggered when an object more than 500g enters the drum or press the drum, the drum will stop rotating. The drum will continue to rotate if the gravity is disappearing.
Locked-motor protection	Level 2	The drum will stop rotating when the motor resistance suddenly increases during rotation, the lock-motor protection can be cancelled under human intervention.
Anti-pinch protection	Level 3	The structural design is innovative. When all sensors fail to work, it can still ensure that there is no risk of getting stuck.

4.3 Specifications

Product Name	Smart Cat Litter Box
Product Model	UCAT C20
Main Material	PP
Product Size	506mm x 490mm x 547mm
Input	12V --- 1A
Rated Power	12W
For Cat	Weight 3.3-22lbs(1.5-10kg) / Age> 4 months
Machine Weight	9 kg
Max Weight Capacity	44 lbs/20 kg (including cat litter)
Applicable Litter	All clumping cat litter (length<15 mm)

Part V Troubleshooting

The troubleshooting guide addresses the most common problems. If problems persist, feel free to contact the Customer Support at aftersales@ubtrobot.com.

Q: I cannot connect the litter box with my smart device.

A: • Make sure your device is connected to a secure 2.4GHz Wi-Fi network.

- Make sure you have entered a correct Wi-Fi password and the litter box is within the signal coverage of the router.
- Check if the litter box is connected to another device. Reset by holding  and  simultaneously for 5s and try again following the steps in "Using With APP".

Q: The drum does not rotate or stops rotating suddenly.

A: • Disconnect from the power supply and remove the drum to check if there is any foreign object stuck at the gear of the base.

- Make sure the drum is installed properly on the base. Reconnect it to the power supply and try again.
- The drum stops rotating automatically when cat/ weight is detected. It will resume rotating after the cat exists, or the weight or object is removed.

Q: The waste cannot be cleaned.

A: • Check if the deodorization cover is blocked by the litter box liner, cat litter or waste. Open the waste bin cover and remove any foreign objects.

Q: Can I use the litter box without APP?

A: • Yes, you can use your litter box with control buttons only or download APP for more customizable options.

Q: I cannot weigh my cat.

A: • Disconnect from the power supply and check if the litter box is placed on a firm and level surface with the four foot pads at the same level.

- Reconnect it to the power supply and weigh again.

6.1 Warranty Service

This product is provided with an after-sales warranty service according to the national Three Guarantees law. During the warranty period, if the product has performance faults not caused by human error, free maintenance will be provided after it is tested and confirmed by the UBTECH after-sales service personnel. This product is subject to the after-sales warranty service according to the national three-package law. If the product presents any non-human performance failure during the warranty period, free repair will be provided by the UBTECH after-sales service personnel following inspection and confirmation.

6.2 Warranty Period

The warranty period of the product: One year

6.3 The Warranty Scope Beyond The Warranty Period

The following cases are beyond and are not covered by the scope of warranty; however, UBTECH provides paid repair services. After the product is repaired by the paid service, UBTECH provides a 90-day warranty for the replaced parts.

- (1) When the products have exceeded their warranty period;
- (2) No warranty card or invoice is available, or the warranty card is inconsistent with the invoice information;
- (3) The contents on the Three Guarantees voucher are inconsistent with the physical identification of the product or have been altered;
- (4) Damage caused by private disassembly, private repair, repair or modification by after-sales service centers which are not authorized by Shenzhen Ubtech Robotics Corporation;
- (5) Failure or damage that is caused by the forced use of the product beyond the normal conditions of usage and non-compliant with the requirements of the Product's Operation Manual;
- (6) The damage is caused by immersion, dampness, mildew, falling or due to improper usage, such as breakage, deformation, wire fracture, crushing, etc.;
- (7) Natural aging, wear and consumption of plastic parts and other consumable materials;
- (8) Damage caused by force majeure.

6.4 Friendly Reminder

During the warranty period, consumers are provided with services in accordance with these provisions. The purchase invoice or voucher and warranty card shall be provided for maintenance. In case the purchase invoice or voucher and warranty card cannot be provided, the activation date of the product can be deemed as the purchase date, or the date after 90 days of the date of manufacture displayed by the SN number on the device can be considered as the initial date of the warranty period.

Product EU RF Information

Intended Use/Category	802.11 b WIFI	802.11 g/n WIFI	BLE
RF output power	20dBm	20dBm	10dBm
Frequency range(MHz)	2412-2472MHz	2412-2472MHz	2402-2480MHz
Modulation	DSSS	OFDM	GFSK

FCC ID:2AHJX-UCATC20

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



Declaration of conformity

Manufacturer Name: (Or His authorized representative)		UBTECH ROBOTICS CORP LTD	
Manufacturer Address: (Or His authorized representative)		Room 2201, Building C1 Nanshan Smart Park No. 1001 Xueyuan Avenue Changyuan Community Taoyuan Street Nanshan District Shenzhen PRC	
Declare under our sole responsibility that the product			
Product Name:		Smart Cat Litter Box	
Model:		UCAT C20	
Hardware version:		C20_FT_MAINBOARD_PCB_VB_231019	
Software version:		main_v0.0.0.6_ctrl_v0.0.0.6	
We hereby declare that all essential radio test suites have been carried out and that the above named product is in conformity to all the essential requirement of RED Directive 2014/53/EU.Is in conformity with the following standards or other normative documents			
Test standards			
EN IEC 55014-1:2021 EN IEC 55014-2:2021 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019+A2:2021 ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.2.4 (2020-09) ETSI EN 300 328 V2.2.2 (2019-07) EN 50665:2017 EN 60335 1:2012 + A11:2014 + A13:2017 + A1:2019 + A14:2019+ A2:2019+A15:2021 and EN 62233: 2008			
The object of declaration described above is in conformity with the following relevant UK legislation: • Product Security and Telecommunications Infrastructure Act 2022 - Part 1 • The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023 Conformity is shown by compliance with the applicable requirements of the following documents: Reference & Date Version Title ETSI EN 303 645:2020 V2.1.1 Cyber Security for Consumer Internet of Things: Baseline Requirements • 5.1 No universal default passwords • 5.2 Implement a means to manage reports of vulnerabilities • 5.3 Keep software updated We will provide a 10-year product security support period from the first supply of the product.			
Name:		Wayne Cheng	
Title :		Certification Manager	
Date: 2024/3/20		Signature of Authorized Person	



Warranty Card

User Information

Product Model:	_____	Product No.:	_____
Date of Purchase:	_____	User Name:	_____

Warranty Record

Warranty Date	Faults and Troubleshooting	Completion Date	User's Signature



UBPet

UBTECH ROBOTICS CORP LTD

Room 2201, Building C1 Nanshan Smart Park No. 1001 Xueyuan Avenue Changyuan
Community Taoyuan Street Nanshan District Shenzhen PRC

E-mail: aftersales@ubtrobot.com



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