

CYBERSTARS

New Technology Pet Quadruped Robot Product User Manual

Cyber 1



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Before using this product, users must carefully read the "*Product User Manual*" (hereinafter referred to as "*this Manual*"; the New Technology Pet Quadruped Robot is referred to as "the robotic dog") and operate the product strictly in accordance with the contents of this Manual. Our company shall not be liable for any property damage or personal injury caused by using the product in violation of the contents of this Manual. This product consists of multiple parts; please ensure that children cannot access this product to prevent accidents. This product is for use only by persons aged 18 or above. To extend the service life of the product, do not use it in humid, high-temperature or high-pressure environments. This Manual contains, to the greatest extent possible, introductions to the product's functions and usage instructions. However, due to continuous function improvements, design changes and other reasons, there may be discrepancies between the physical product and the contents of the Manual. In case of differences between the physical product and this Manual in terms of color, appearance, etc., the physical product shall prevail.

These after-sales service terms apply only to consumers who purchase the product through the company's official channels in the Chinese mainland (including but not limited to official online stores, authorized e-commerce platform stores, and physical stores).

Explicit exclusion scope: These terms do not apply to the Hong Kong Special Administrative Region, the Macao Special Administrative Region, Taiwan Region, or any country or region outside the People's Republic of China. For products purchased or used in the above-mentioned regions, please follow the after-sales policies specified by local distributors.

Usage Restrictions 02

- This product shall not be used by persons with physical, sensory or intellectual disabilities, or by persons without relevant experience and knowledge (including children), unless they are under the supervision or guidance of a guardian to ensure their safe use of the product.
- If the power cord is damaged, it must be replaced with a dedicated cord or a dedicated component purchased from the manufacturer or its service department.
- Do not use this product in a suspended environment without guardrails.
- When the product exhibits abnormal phenomena such as erratic leg movements or violent shaking during use, press the [Emergency Stop] button (the "L" button on the handle remote control; the screen of the remote control with a display shows the "Emergency Stop" button) to activate the soft emergency stop function and put it into a protective state. The product will automatically lie down, and after troubleshooting, you can operate the product normally.
- Do not place this product upside down.
- Do not use this product in an environment where the temperature is above 40°C or below 0°C.
- Do not use this product in an environment with electromagnetic interference.
- Do not use this product in an environment with Wi-Fi or 2.4G signal interference.

02 Usage Restrictions

- Before starting this product, ensure there is a minimum of 1 meter of space around it and that people or objects are kept away from its movement path to prevent collisions.
- When this product passes through stairs or slopes, do not stand on the stairs, platforms, or slopes below it to avoid personal injury that may be caused if it falls.
- Do not place children, pets, or any objects on the main unit when it is stationary or in operation.
- Do not put your hands into the joint movement range when carrying the product to prevent pinching or even scratching injuries.
- Before cleaning and maintaining the main unit, please turn off the power and unplug the power plug. Do not wipe the main unit with a damp cloth or rinse it with any liquid.
- Do not use any third-party chargers or power cords.
- Do not discard the main unit at will; it should be handled by a professional recycling organization.
- If the product will not be used for a long time, please fully charge it, turn off the main unit, and store it in a cool and dry place. Recharge it at least once every 3 months to prevent the battery from over-discharging.
- If you need to transport the product, please ensure the main unit is turned off, and it is recommended to use the original packaging box for packaging.
- Use this product in accordance with the instructions in the manual. Any loss or injury caused by improper use shall be borne by the user.
- This product is only for commercial, civil and scientific research scenarios; any use for military purposes is strictly prohibited.

03 Cautions

(1) Joint and Wire Harness Inspection

Check whether foreign objects are interfering with each joint, whether the wire harness is damaged, and ensure the foot pads are intact and undamaged.

(2) Battery Level Check and Camera Cleaning

Check the battery level to ensure it is sufficient, preventing sudden toppling or falling. Meanwhile, keep the surface of the head camera clean; do not scratch the lens with hard objects. If there is dirt, wipe it promptly with a dry, soft cloth.

(3) Precautions for Cleaning the Product

Do not use liquids containing dissolvable or corrosive components (such as alcohol) to clean this product.

(4) Proper Placement and Ground Environment

When placing the product, ensure the legs are in a natural, unloaded state to avoid damage to the leg joints caused by the body's weight. Do not place the product in a prone position on hard, sharp, or excessively bumpy ground to prevent scratches on the body.

(5) Foot Pads and Wear

Foot pads are consumables; pay attention to their wear condition during use. If wear, damage, or increased noise from the robotic dog's impact on the ground is detected, replace the foot pads promptly to avoid impairing the robotic dog's movement.

(6) Safe Use and Terrain Adaptability

During use, keep the product within your line of sight and maintain a sufficient safety distance, staying away from obstacles and objects that may cause collisions. Although the product has good terrain adaptability, still verify that the terrain meets the requirements.

(7) Speed, Turning, and Complex Terrain

Rapid turns may easily lead to loss of control, especially on steep slopes, uneven, or unknown terrain. Avoid risky operations and reduce the speed.

(8) Steep Slopes and Climbing Angle

Limit use to within the rated forward climbing angle, and avoid turning directly at large climbing angles to prevent the robotic dog from becoming unstable. Properly control operations on steep slopes and terrain with large gradients.

(9) Maximum Speed and Prohibited Usage Scenarios

The maximum available speed on flat terrain can reach 3 m/s. Do not use this product on complex ground, slippery ground, ground with debris, terrain with slopes exceeding specifications, or in areas with sharp objects nearby.

(10) Joint and Battery Status Inspection

If loose joints, inability to stand normally, or excessive operating noise are detected, stop using the product immediately, turn it off for inspection, and seek professional maintenance.

(11) Low Battery Warning

When the battery level indicator shows low power, the product may not have enough power to perform movements. Charge it promptly to avoid hazards.

(12) Safety Cautions

Avoid contact between hands or body parts and the robotic dog's moving components to prevent pinching or bruising. Meanwhile, avoid touching the metal parts on the surface of the joint motors to prevent scalding.

(13) Product Heat Dissipation and Cleaning

Prolonged continuous use may cause the motors to overheat; allow regular rest periods. If the product is contaminated, clean it promptly.

(14) Power Connection Specifications

Please connect this product using the official power adapter.

(15) Shutdown Caution

After use, turn off the product immediately.

04 Cautions for Battery and Charging

(1) Power Adapter and Cleaning

Do not use alcohol or other flammable agents to clean the power adapter, as this may pose potential safety risks.

(2) Response to Battery Leakage

If battery leakage occurs and electrolyte enters the eyes, do not rub the eyes. Immediately rinse the eyes with clean water, then seek medical treatment.

(3) Abnormal Conditions

If the battery emits an unusual odor, smokes, deforms, or exhibits other abnormal conditions during charging, immediately unplug the power adapter and conduct an inspection.

(4) Safe Temperature

The power adapter may generate high temperatures during charging. Avoid touching it for extended periods to prevent scalding.

(5) Power Adapter

Do not use a damaged power adapter; only use the official power adapter. Unofficial power adapters may cause lithium battery leakage, overheating, fire, or explosion.

(6) Charging Time

The battery charging time should not exceed 24 hours; overcharging may shorten the battery lifespan.

(7) Power-Off Protection

The temperature of the battery cells is detected via a thermistor. If the temperature exceeds the operating temperature range, the power-off protection will be activated.

05 Product Introduction

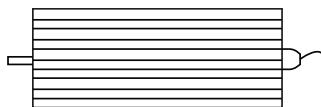
5.1 Product Overview

This product features 12 degrees of freedom and offers various movement gaits and actions.

5.2 Product List



Robot Dog × 1 (Contains Battery)



Power Adapter × 1



Adapter Power Cord × 1



Foot Pad × 4



Toolkit × 1



Remote Control × 1



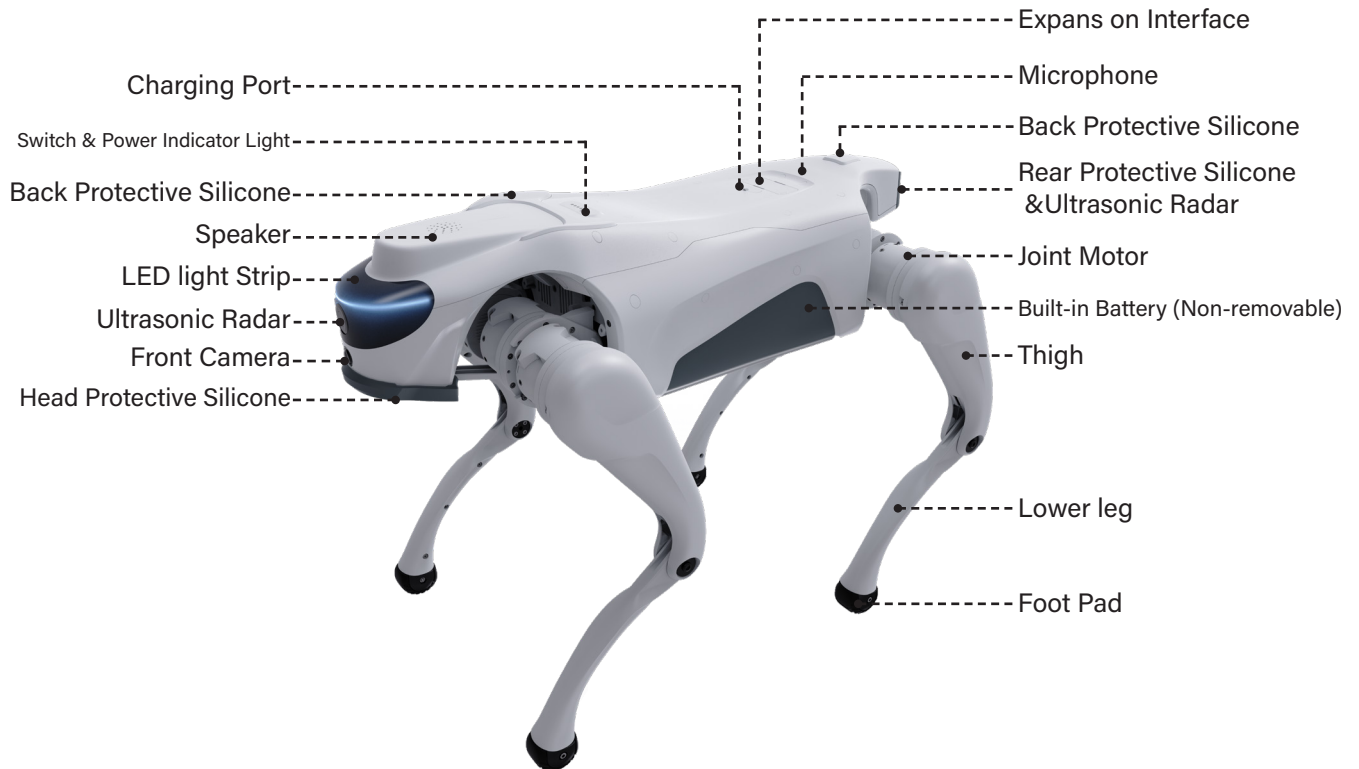
User Manual × 1



Equipment Box × 1

5.3 Component Introduction

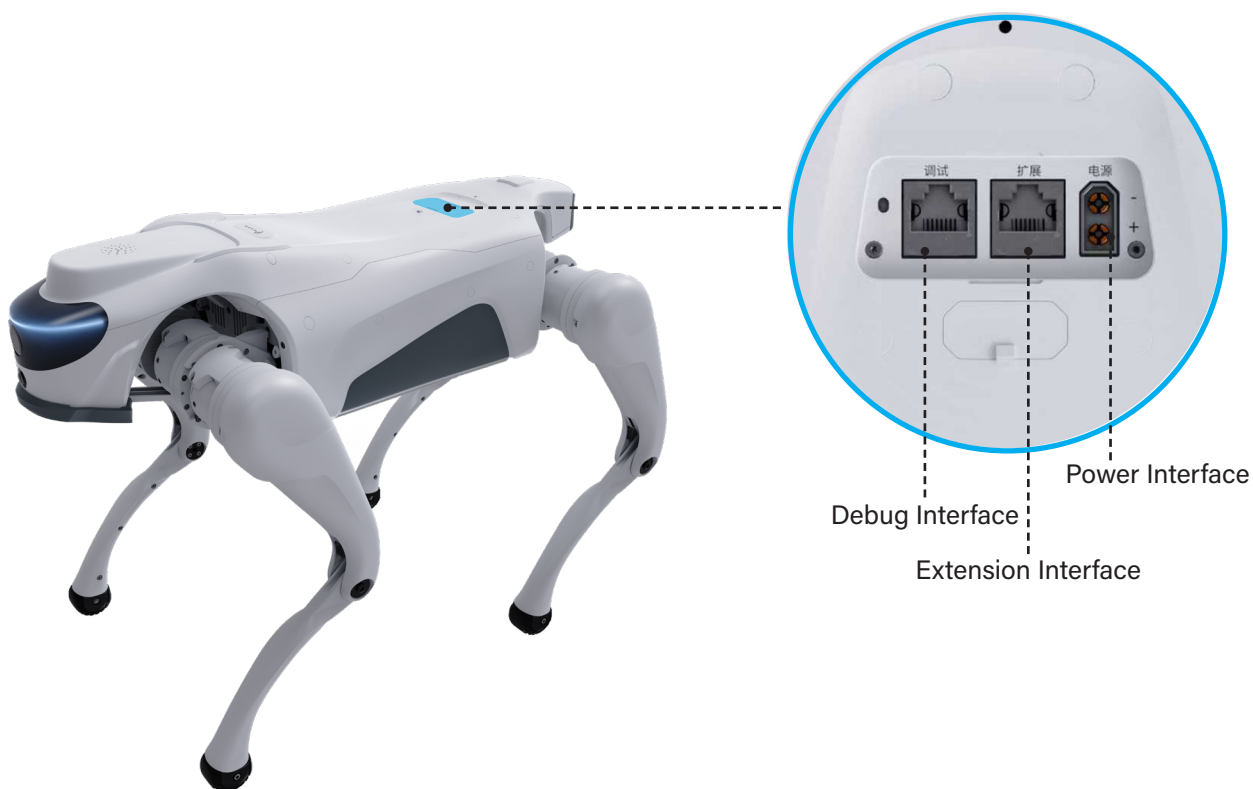
5.3.1 Introduction to the Main Body



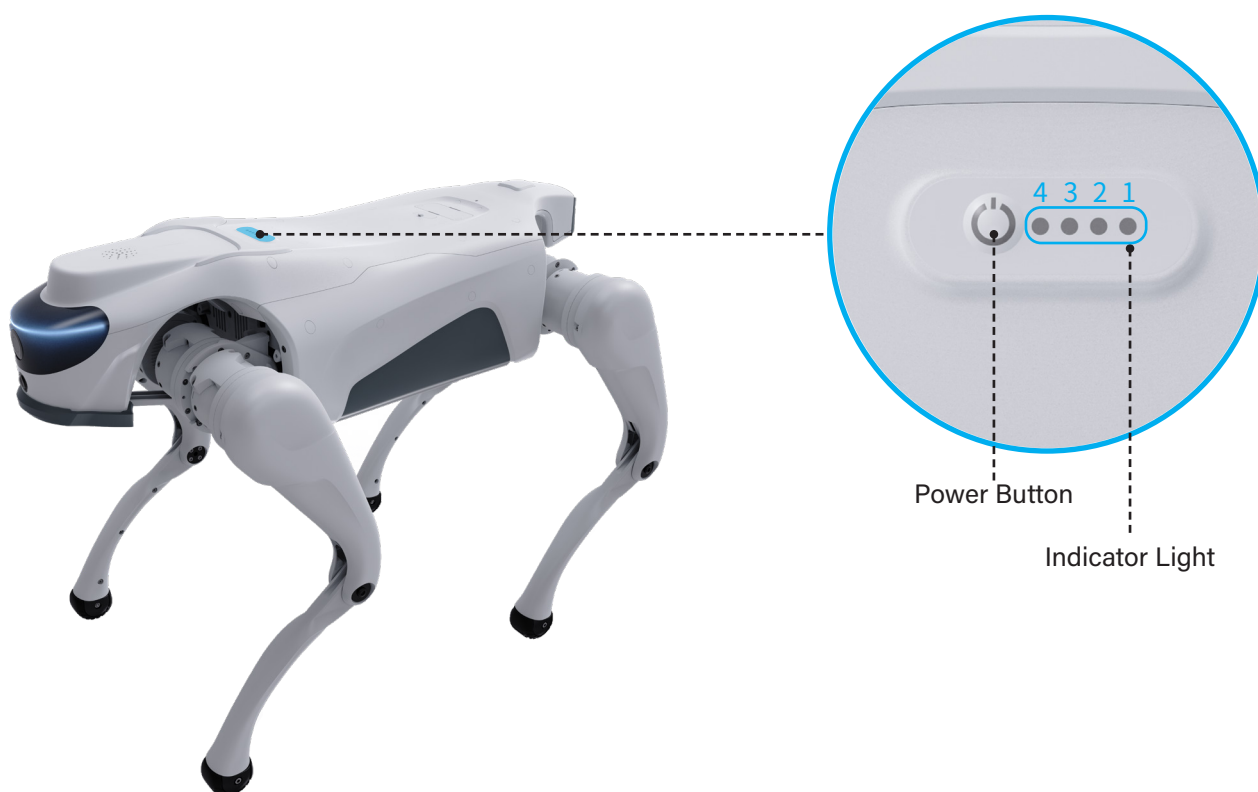
5.3.2 Expansion Interface

Interface Name	Instructions
Debug Interface	RJ45 Interface, supporting a transmission rate of 100 Mbps, for SSH functionality.
Extension Interface	RJ45 Interface, supporting a transmission rate of 1000 Mbps for high-speed data transfer, and compatible with applications such as network connection, remote monitoring, and data transmission.
Power Interface	Supporting a voltage output of 22.4~33.6V and a current output of 10A, which meets the power requirements of the quadruped robot's expansion devices.

05 Product Introduction



5.4 Power Supply Introduction



- When the device is powered off, press the power button briefly (for less than 2s). The Indicator Light will show the current battery level and turn off after 5s.
- Press and hold the power button for more than 2s to turn the battery on or off.
- When the battery level is less than 5%, pressing and holding the power button will not turn it on.

*short press is defined as pressing the button for longer than 30ms but less than 2s; a long press is defined as pressing the button for more than 2s.

5.4.1 Battery Display in Power-On State

LED Strip Light	Light Code
Blink	Power On Complete
Steady On	Powering On

- When the remaining battery power is less than 2%, the battery will automatically shut down. At this point, long- pressing the button will not turn on the battery, and short-pressing the button will only make the LED display the battery level for 5s before it turns off.
- When the voltage of a single battery cell is less than 2.6V, the battery will enter undervoltage protection mode.No operation will trigger the battery to display the power level or turn on. The battery must be charged to above 2.6V before it can operate normally.

5.4.2 Battery Display in Charging State

- Battery Display in Charging State.
- Press and hold the button to turn the battery on/off. In the powered-on state, the 4 indicator lights remain steady on to display the battery level (a brief press of the button has no effect).

Battery Capacity LED Indication (Idle and Discharging)				
SOC(%)	LED1	LED2	LED3	LED4
5~20	Blink	Blink	Blink	Blink
20~25	Steady On	Go Out	Go Out	Go Out
25~50	Steady On	Steady On	Go Out	Go Out
50~75	Steady On	Steady On	Steady On	Go Out
75~100	Steady On	Steady On	Steady On	Steady On

05 Product Introduction

Power On and Power Off States:

- Off State: When the charger is plugged in, there is no output from the discharge port, and the running light illuminates normally; when the charger is unplugged, there is no voltage at the output port.
- Power On State: The discharge port has output; plugging in the charger does not affect the output of the discharge port, and the running light illuminates; when the charger is unplugged, there is still voltage at the output port.

5.4.3 Power Adapter

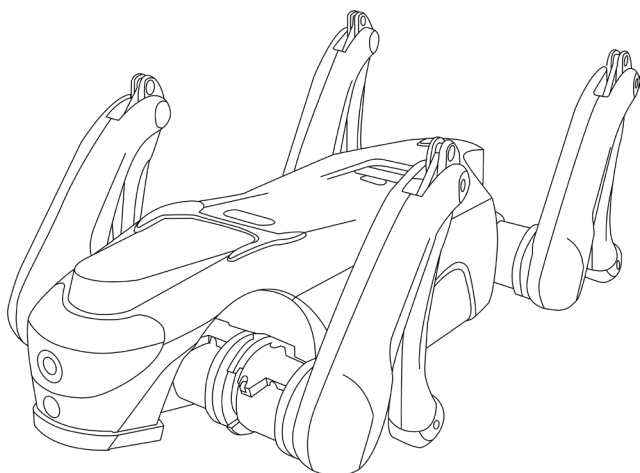


No Light Illuminated	No Powered on
Lights Up	Connect to Mains Power (100V~240V)
Flashing	Robot Dog Not Connected

06 Product Usage

6.1 Preparation Before First Use

Ensure that all on-site operators and non-operators have carefully read this manual and understood the basic operating specifications and safety precautions. Remove the robot dog from the packaging box, place it on a flat surface, and position its feet in the following posture.



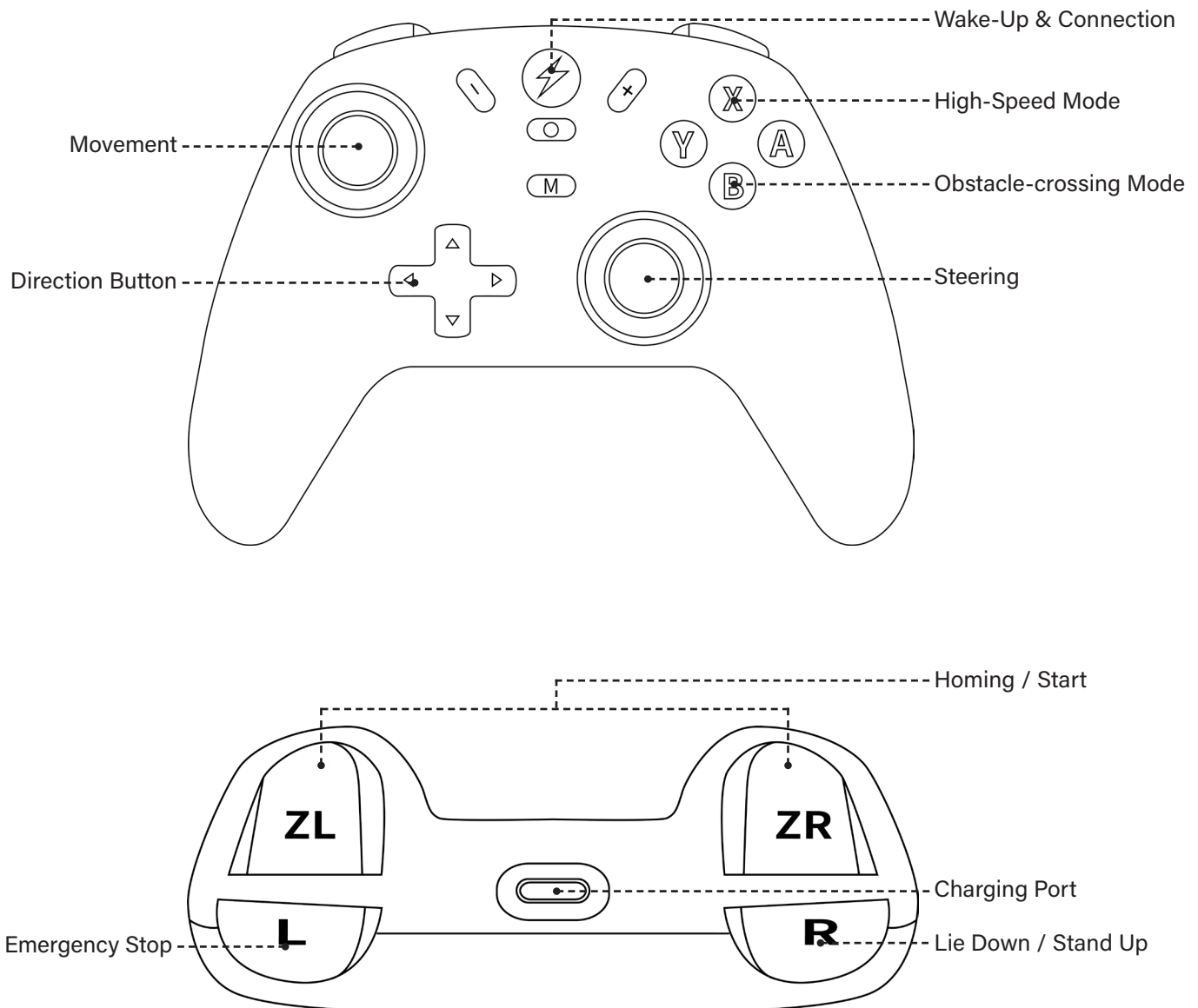
Press and hold the power button for more than 2 seconds. The robot dog will perform a startup check and be ready for use in approximately 30 seconds.

6.2 Instructions for Using the Remote Control

Product Usage Statement: Due to the continuous upgrading of the product software version, some functions, operation methods or interface displays may differ from those described in this manual. If you have any questions or operational confusion, please feel free to contact the official customer service at any time for technical support.

6.2.1 Handheld Remote Controller

6.2.1.1 Remote Controller Introduction



06 Product Usage

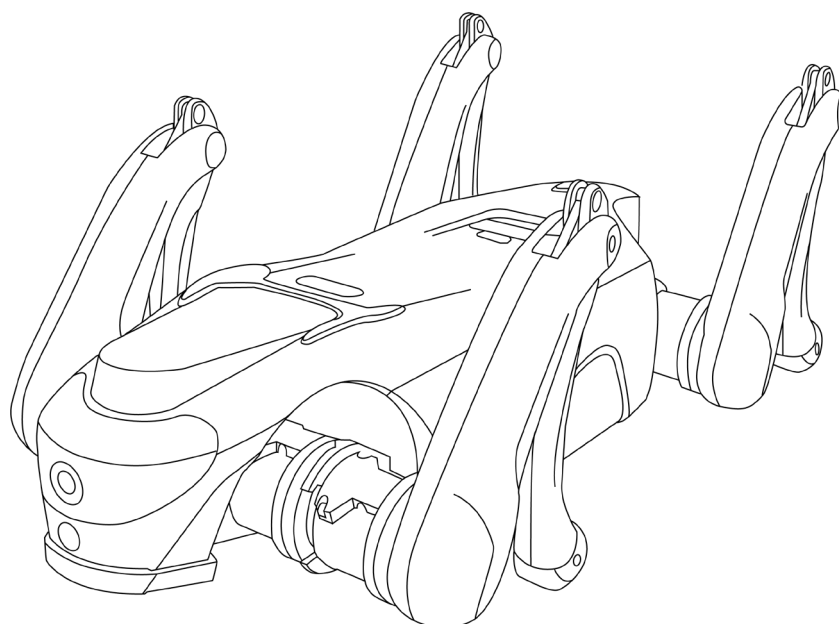
6.2.1.2 Connection Method

1. Press and hold the robot dog's power button for more than 2 seconds until the battery indicator lights up, which displays the current battery level. Meanwhile, the light strip on the robot dog's head will flash. After the robot dog completes startup, the light strip will remain constantly on and a startup completion voice prompt will play.
2. The remote controller received by the user is generally in sleep mode. Please press the middle "⚡" button briefly to wake up the remote controller. The "⚡" button will flash during the connection to the robot dog and remain constantly on once connected. If the light never illuminates, the remote controller needs to be charged.

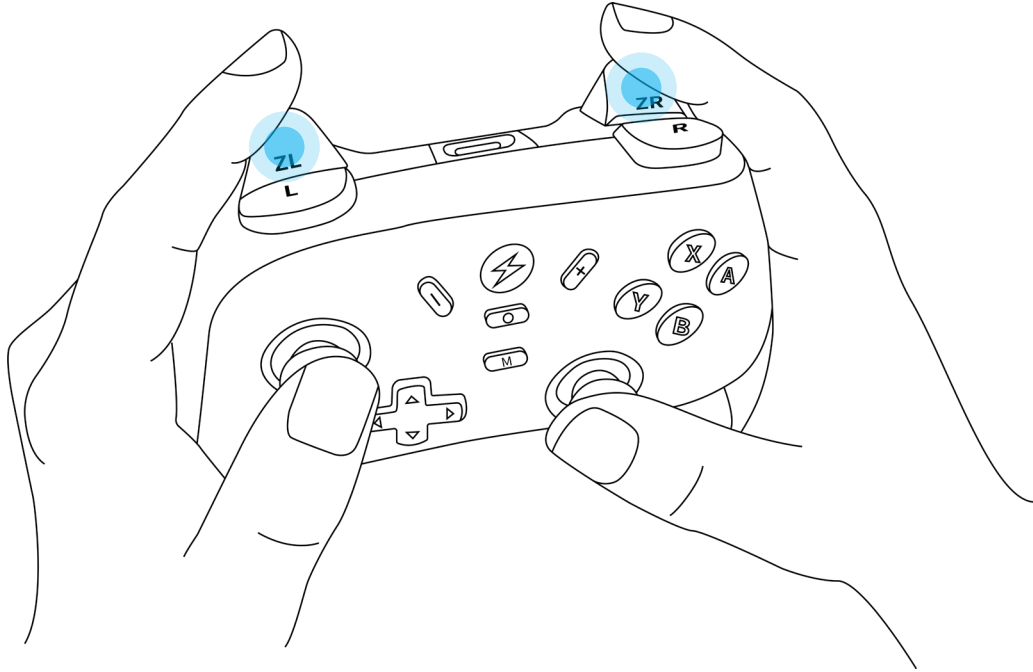


6.2.1.3 Operation Instructions

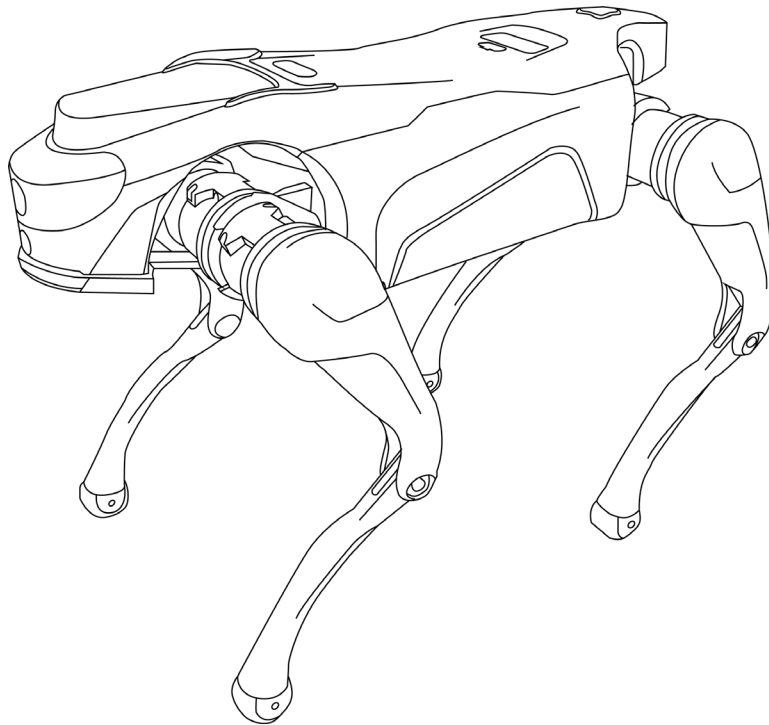
1. Homing Operation



Press and hold the "ZL" and "ZR" buttons simultaneously for approximately 1 second, as shown in the figure below. Release the buttons after the robot dog's feet complete the movement.



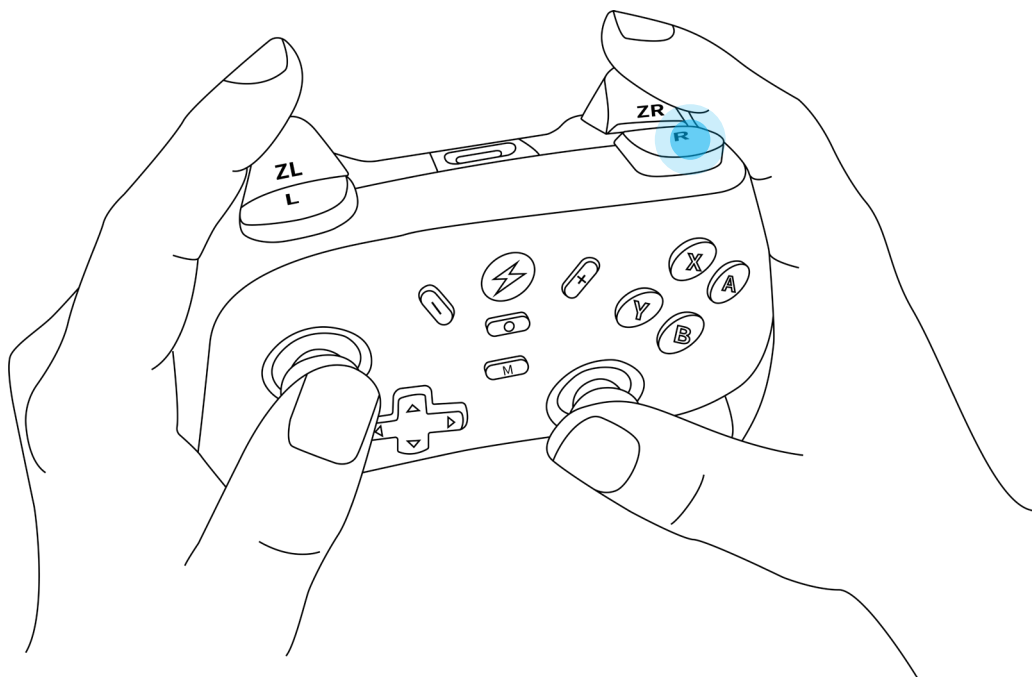
The robot dog's legs will first perform the homing operation, then stand up, as shown in the figure below.



2. Lie Down / Stand Up

In the standing posture, press the "R" button, and the robot dog will lie down.
In the lying down posture, press the "R" button, and the robot dog will stand up.

06 Product Usage



3. Walking

The robot dog currently supports two modes: **Obstacle-crossing mode** and **High-speed Mode**. In obstacle-crossing mode, it walks at a low speed and can climb slopes and stairs. In High-Speed Mode, the theoretical maximum speed reaches 3 m/s, but it does not support slope climbing or stair climbing.

When the robot dog is in a stationary state, press the "B" button to switch to **Obstacle-crossing mode**.

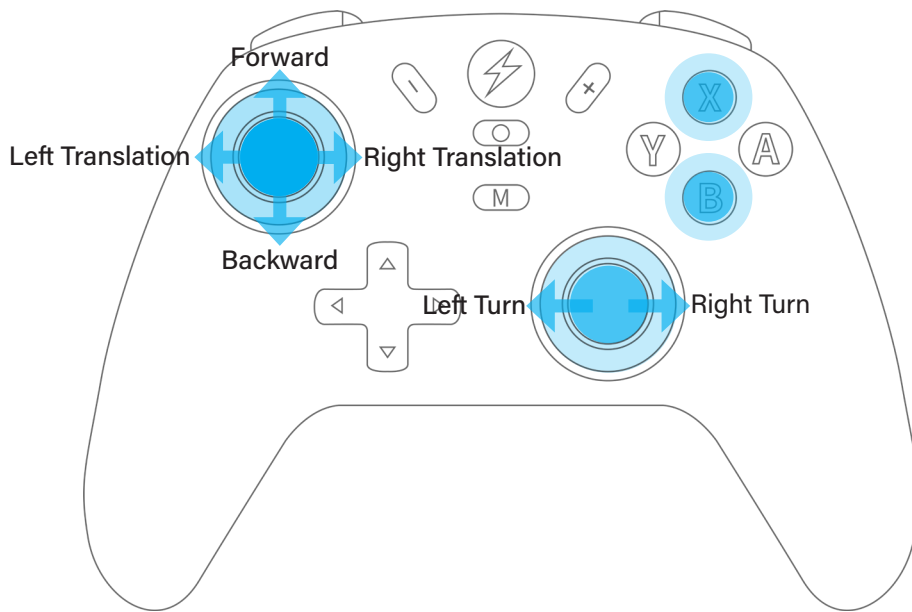
When the robot dog is in a stationary state, press the "X" button to switch to **High-Speed Mode**.

Movement joystick to control the robot dog's forward movement, backward movement, left translation, right translation.

The steering joystick controls the robot dog's left turn and right turn.

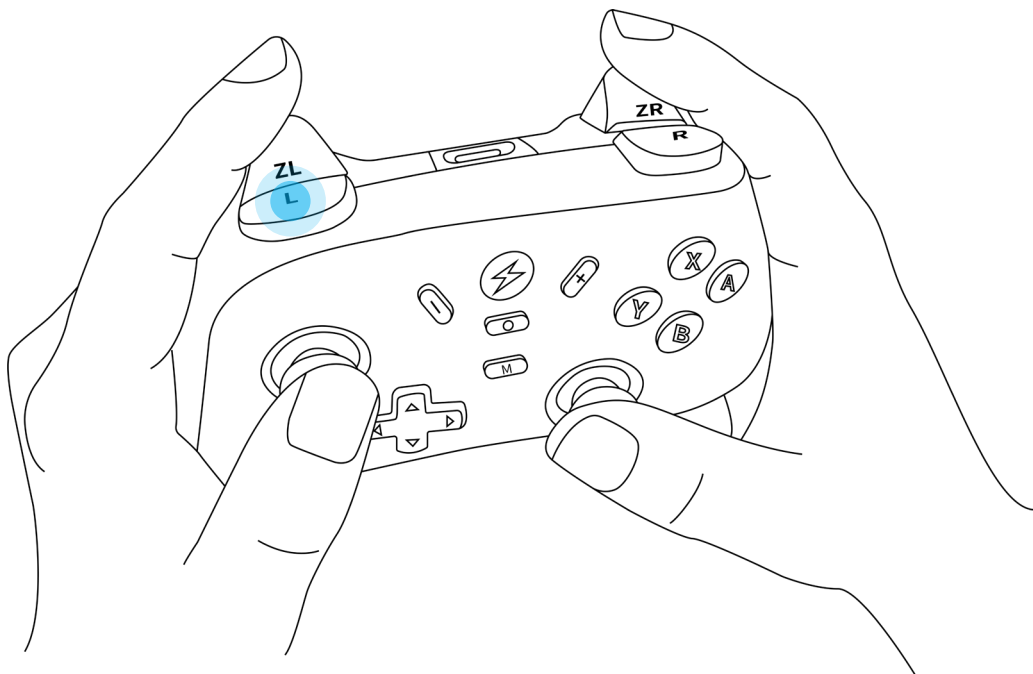
When the robot dog is in a standing posture and no remote control operation is performed for 10 minutes, it will automatically lie down.

When the battery level is below 10%: if the robot dog is in a standing posture, it will automatically lie down; if it is in motion, it will first reduce its speed to 0 and then automatically lie down.



4. Emergency Stop

When the robotic dog's legs are found moving erratically, press the "L" button. The robotic dog will disable all motors and then lie down.



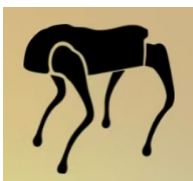
06 Product Usage

6.2.2 Visual Remote Controller/APP

6.2.2.1 App Instructions

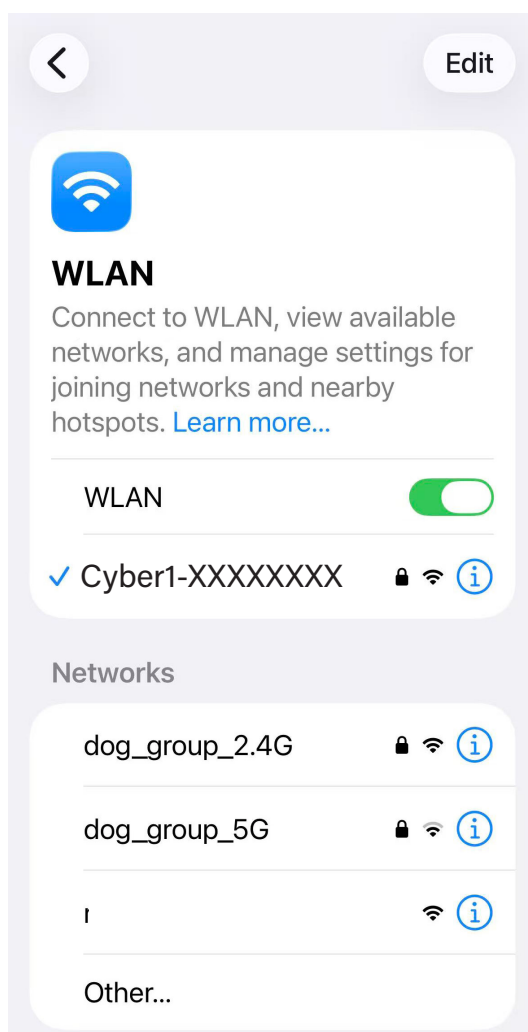
1. App Installation

Download the installation package from the official CyberStars website (www.cyberstars.com.cn). Once installed, the following icon will be displayed.



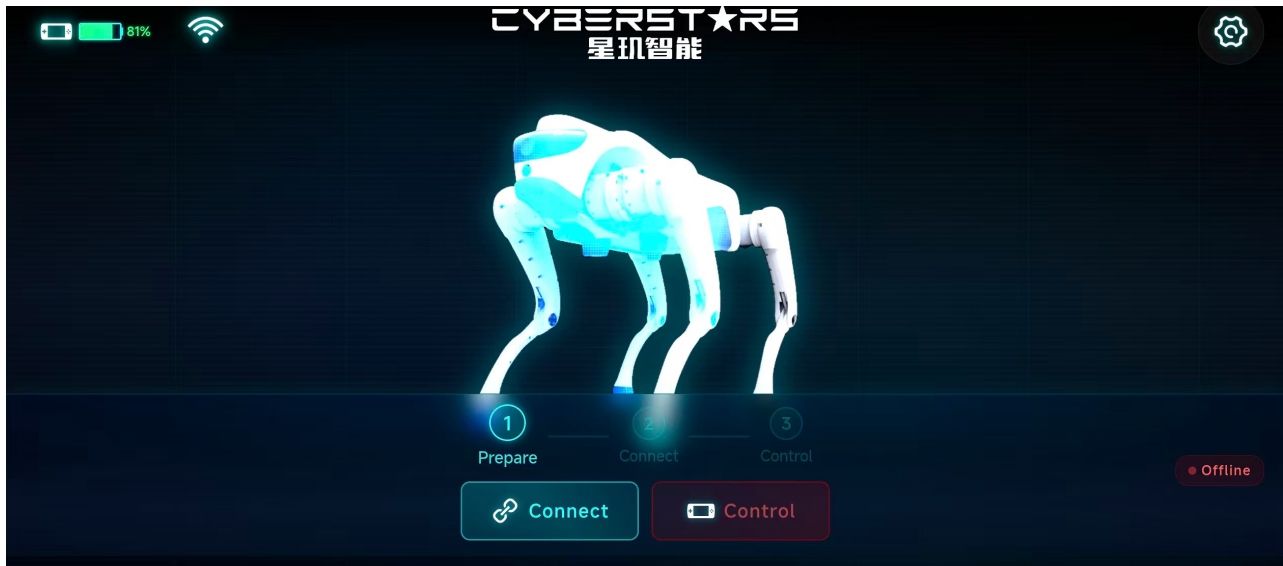
2. Connecting to the Robot Dog's Hotspot

Power on the robot dog first, then connect your phone's Wi-Fi to the robot dog's hotspot. The hotspot name is typically "Cyber1-XXXXXXX" with the password "12345678", as shown in the figure below.



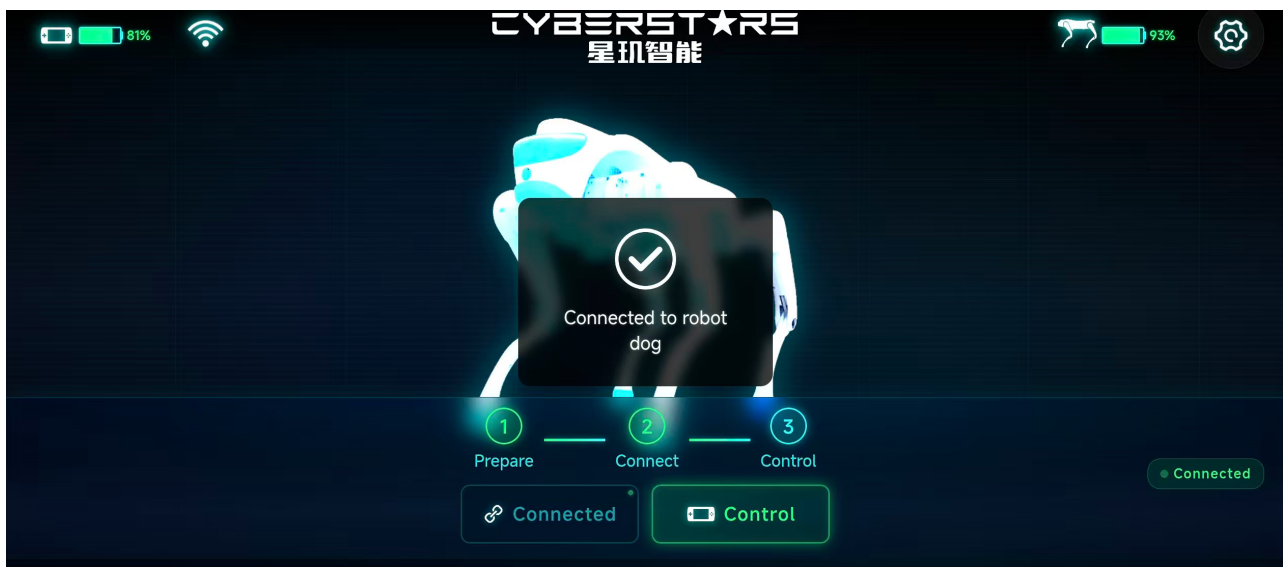
3. Launching the Control

Open the app, and the connection interface will be displayed.



Connection Interface

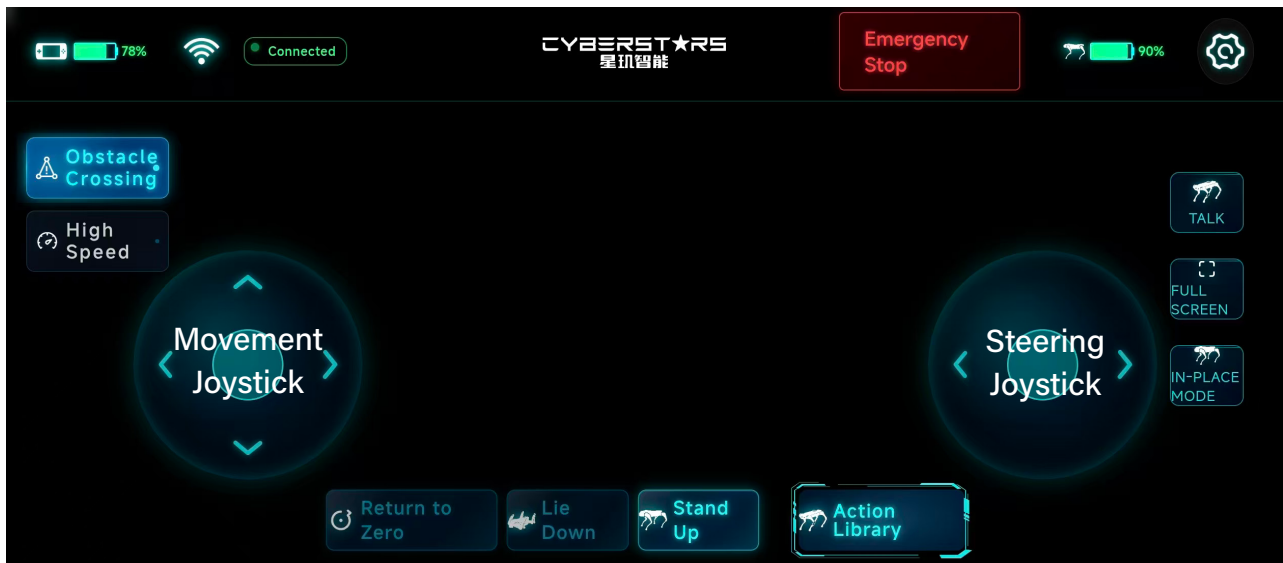
Tap "Connect." Once the connection is successful, "Connected to the robot dog" will be displayed. If the connection fails, you will need to upgrade the robot dog to the latest version via OTA



Connection Interface

Tap "Control" to enter the main interface.

06 Product Usage



Main Interface

Tap "Return to Zero", and the robot dog will stand up.

When the robot dog is in the standing state:

- The robot dog currently supports two operation modes: **Obstacle Crossing Mode** and **High-Speed Mode**. Obstacle Crossing Mode: Moves at a lower speed; capable of climbing slopes and navigating stairs. High-Speed Mode: Reaches a theoretical maximum speed of up to 3 m/s; slope climbing and stair navigation are not supported.
- **Movement Joystick**: Controls the robot dog's forward, backward, left strafe (lateral translation), and right strafe movements.
- **Steering Joystick**: Controls the robot dog's left and right yaw (rotation).
- In the standing state, tap "Action Library" to execute specific motions.
- Currently, only the following actions are supported: "Greet", "Make a Heart", "Celebrate New Year", "Jump Forward", "Twist Body" etc., Other actions are temporarily unsupported. If the robot dog exhibits any abnormal behavior during operation, press "Emergency Stop" to force the robot dog to lie down (assume a prone position).

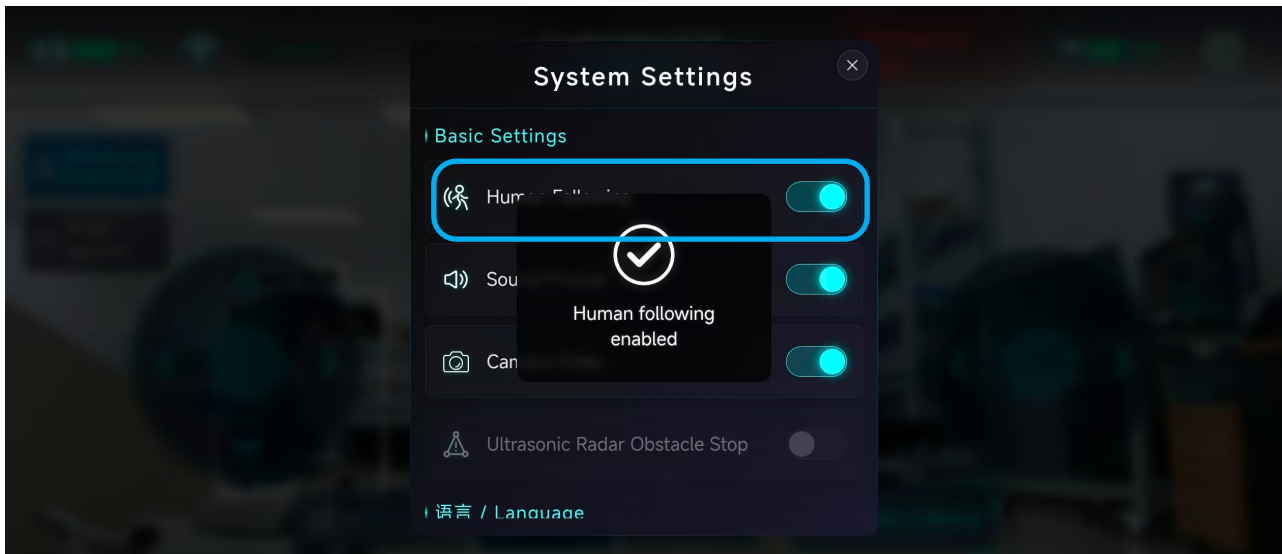
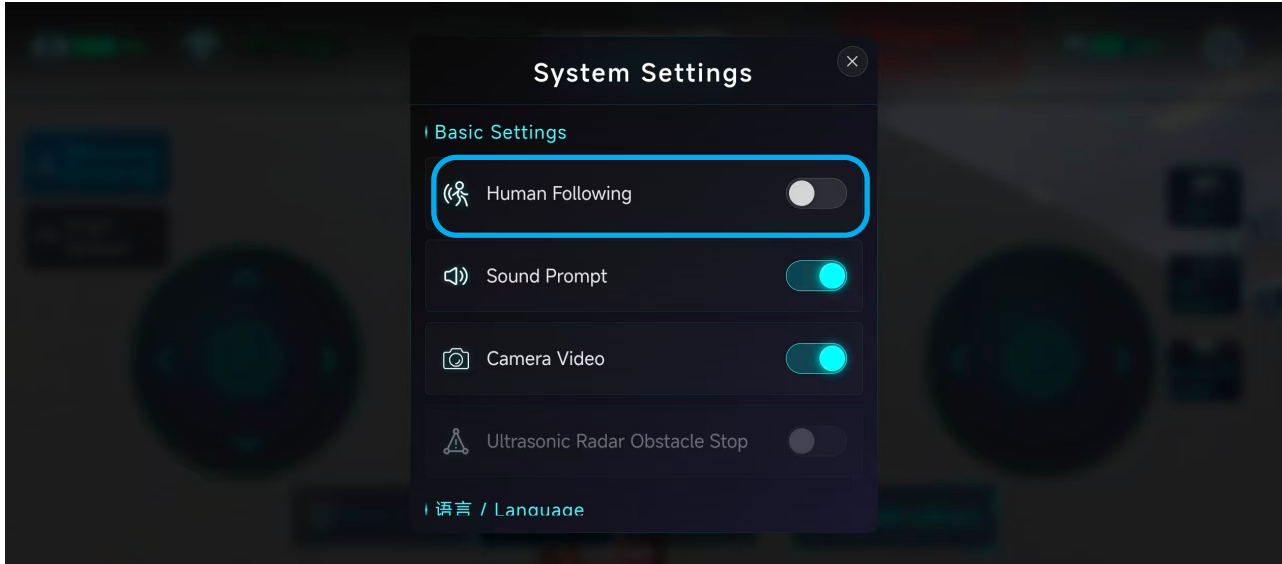


Main Interface - Action Library Menu

- The following features are temporarily unsupported:
Talk; Record; Screenshot

4. Human Following Function

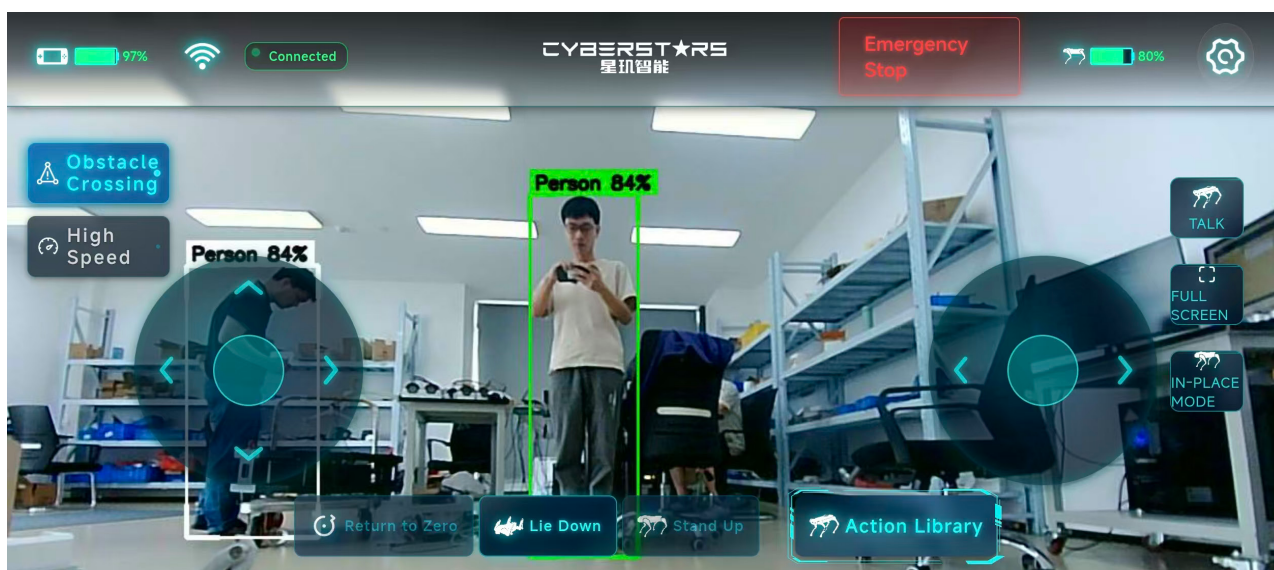
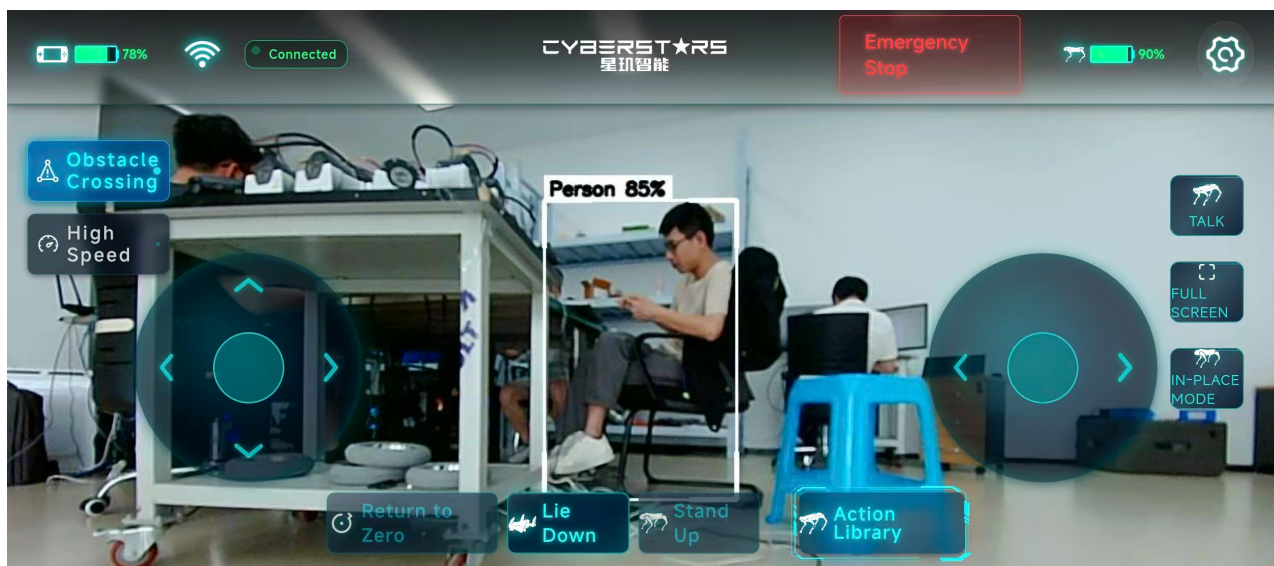
In the Settings Interface, toggle the "Human Following" switch. A status message will be displayed indicating that the feature has been enabled.



- **NOTE:** The "Human Following" feature can only be enabled in "Obstacle Crossing Mode" while the robot dog is in a standing state. It cannot be enabled in "High-Speed Mode" or when the robot dog is in a "prone (lying down) posture."

06 Product Usage

When a bounding box appears on the screen, tap the target you wish to follow; the box will turn green. The robot dog will then begin moving to follow the target inside the green box. If you tap the green box again, it will turn white, and the robot dog will stop tracking the human target.



Usage Notes:

1. Speed Restriction: This feature requires the user to walk at a slow pace. You must maintain a slow speed during both straight-line walking and turns; otherwise, the robot dog may lose track of you.
2. Clearance Requirements: When there are obstacles on either side of the robot dog, a clearance of at least 50 cm of obstacle-free space must be maintained on both sides. Otherwise, there is a risk of colliding with the obstacles.

Classification	Specifications	Explanation
Basic Information	Material Information	Aluminum Alloy + High-Strength Engineering Plastics
	Standing Dimensions (L× W × H)	About670mm×360mm×430mm
	Prone Dimensions (L× W × H)	About750mm×410mm×190mm
	Total Weight (Including Battery)	15kg
	Operating Temperature	0℃ ~40℃
	Charging Time ⁽¹⁾	2h
	Endurance Time	2-4h
Performance Parameters	Basic Computing Power	8-Core High-Performance CPU
	Maximum Operating Power	3000W
	Maximum Speed	3m/s
	Maximum Payload	≈ 8kg
	Continuous Stair Climbing Height	15cm
	Maximum Climbing Angle	30° in Standard Environment, with a Maximum Limit of 40°
Overall Joint Parameters	Actuator Type	High Power Density Motion Unit
	Maximum Joint Torque	48N.m
	Aluminum Alloy Precision Joint Motor	12pcs
	Joint Motion Space (Fuselage)	-30°-30°
	Joint Motion Space (Thigh)	-25°-204°
	Joint Motion Space (Lower leg)	-114°-17°
Sensors	Camera	1920*1080, Wide-Angle Camera
	IMU/Attitude Sensor	Standard Configuration
Function List	Standard Actions	Standing, Lying Down, Damping, Horizontal Turning, etc.
	OTA Upgrade	Support
	Function Expansion Interface ⁽²⁾	Ethernet Port, Power Interface
	Battery	Standard Configuration
	Power Adapter	Standard Configuration
	Handheld Remote Controller	Standard Configuration
	Handheld Gamepad Controller	Optional Configuration
Accessories	Equipment Case	Standard Configuration

07 Product Parameter

Notes and Explanations:

- (1) The charging duration data is measured at a standard ambient temperature of 25°C;
- (2) For the usage instructions of the Function Expansion Interface, refer to the Expansion Manual for details;
- *The above parameters are laboratory test data. Actual performance may vary due to factors such as operating environment and usage method. Please refer to the actual performance for reference.

08 Troubleshooting

FAQs	Handling Measures
What should I do if the remote control fails to connect to the robot dog?	First, confirm that the robot dog has been powered on, then check if the remote control is turned on. If you still cannot connect to the robot dog, restart both the robot dog and the remote control and try connecting again.
What should I do if the controller has no response after connecting to the robot dog?	Confirm whether the controller is connected to the robot dog correctly. If it is connected but you still cannot control the robot dog, wait for 10 seconds and try controlling it again. If there is still no response, restart the robot dog.
What should I do if the robot dog moves on its own without any operation?	Check if the joysticks and buttons of the remote control return to their neutral positions.
Is it a normal phenomenon if the robot dog stops moving on its own?	It might be triggering the protection function of the robot dog, and please wait 10 minutes and try again. If you still cannot control the robot dog to continue moving, first check if the battery level is sufficient, then verify whether the controller signal is disconnected.

Abnormal Protection Alert

The 1st and 2nd LEDs are flashing, indicating that the overcurrent protection during charging has been triggered.

The 1st and 3rd LEDs are flashing, indicating that the overcurrent protection during discharge has been triggered.

The 1st and 4th LEDs are flashing, indicating that the short-circuit protection has been triggered.

*As shown in the figure below



The 1st and 2nd LEDs are flashing



The 1st and 3rd LEDs are flashing



The 1st and 4th LEDs are flashing

Transportation and Storage 09

9.1 Product Transportation

The dimensions of the packaging box are 78cm×36cm×50cm

9.2 Storage Environment

When storing the power adapter and the entire unit, place them in a dry and cool environment, avoiding direct sunlight, fire sources, and strong electromagnetic field environments. The recommended storage temperature is 20°C to 25°C . Do not store the product in an environment where the temperature exceeds 20 °C or is lower than -10 °C . For long-term storage, it is recommended that the temperature be controlled between 20°C and 25°C , the relative humidity between 0% and 60% RH, and the total battery power be kept below 50% for optimal results.

09 Transportation and Storage

9.3 Battery Precautions

- Long-term idleness may affect battery performance. Avoid deep discharge to maintain the battery condition.
- The battery will automatically stop charging once fully charged, but it is recommended to disconnect the power supply to preserve the battery state.
- Please regularly check the battery level and perform a full charge-discharge cycle approximately every 3 months to maintain battery activity.
- If the battery level drops below 20%, charge it promptly to 40%-60% for storage to prevent battery damage.

9.4 Handle with Care

- After powering on the product, avoid lifting or moving it. Ensure the product is powered off before moving.
- When moving, handle it with care to prevent component damage caused by mechanical impact.

10 Hazardous Substances Statement

Component Names	Hazardous Substances					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Circuit Board	×	○	○	○	○	○
Metal Plate	○	○	○	○	○	○
Housing	○	○	○	○	○	○
Battery	×	○	○	○	○	○
Other Accessories	○	○	○	○	○	○

This table is compiled in accordance with the provisions of SJ/T 11364.

○ Indicates that the content of the hazardous substance in all homogeneous materials of the component complies with the limit requirements specified in GB/T 26572.

×

Indicates that the content of the hazardous substance exceeds the limit requirement specified in GB/T 26572 in at least one homogeneous material of the component.

This product contains a rechargeable lithium battery pack, which is harmful to the environment when discarded. Please dispose of it in accordance with local laws and regulations.

11.1 Warranty Policy

11.1.1 Warranty Period

Regarding the Warranty Period

- After purchasing the complete product, the warranty period shall be 1 year from the date of product activation (if not activated, it shall be deemed activated 90 days after receipt of the product).

Main Components		Start Time
Complete Product Warranty	1 year	
Warranty Period	Motherboard	1 year
	Joint Motor Module	6 months
	Remote Controller	1 year
	Power Adapter	1 year
	Battery	6 months/200 Cycles
	Camera	1 year
		Calculation commences upon product activation (or 90 days after receipt if not activated).

- Wearable parts such as the housing and foot pads, as well as accessories like shipping cartons, are not covered under the warranty. For replacement or purchase, please contact after-sales support.
- The battery warranty follows a "whichever comes first" principle: the warranty period shall terminate when either the specified warranty duration is reached or the maximum allowable charging-discharging cycles are exhausted, whichever occurs earlier.
- During the warranty period, any unauthorized modification, disassembly, opening of the housing, or similar actions without the company's prior approval will result in the immediate termination of the warranty.
- Depending on the specific circumstances, we will provide corresponding repairs or component replacements for the "Cyber 1" product purchased from our company.

11.1.2 Non-Warranty Terms

1. Beyond the Warranty Period;
2. Damage to the robot dog caused by the user's secondary development (including but not limited to: collision damage due to high-speed movement of the device, drop damage to the device, damage caused by changes to the device's limb parameters, etc., all resulting from secondary development);
3. Damage caused by force majeure or extreme environments (including but not limited to strong magnetic fields, high temperatures, low temperatures, and natural disasters);
4. Data Security Incident;
5. If the product is used for illegal purposes (including but not limited to war activities and terrorism), in violation of the laws and regulations of Mainland China, the laws and regulations of the country or region where it is used, or international law conventions, etc., any issues arising therefrom are not covered under the warranty;
6. Improper use will result in the loss of the device's warranty (including but not limited to: collision damage caused by high-speed movement of the device, drop damage caused by the device's stunt actions, etc.);
7. Damage caused by improper use by the user (such as dropping, crushing, liquid immersion, abusive use, etc.);
8. Malfunctions or failures of the product caused by the use of non-original accessories;
9. Damage caused by human factors that are not attributable to the product's own quality issues;
10. Damage to the product resulting from unauthorized modification, disassembly, opening of the housing, or similar actions;
11. Damage caused by incorrect installation, use, or operation not in accordance with the instructions in the user manual;
12. Damage caused by self-repair or component replacement without guidance from official instructions;
13. Damage caused by circuit modification not in accordance with official instructions, or improper use of the battery pack or power adapter;
14. Damage caused by operation in harsh environments (including but not limited to strong magnetic fields, strong interference, rainy weather, sand and dust, wet ground, complex terrain, etc.);
15. Damage caused by operation in conditions such as sharp terrain or severe undulations;
16. Damage caused by operating the robot dog on surfaces with extremely low friction (such as ice surfaces or glass surfaces);
17. Drop damage other than the robot dog falling while being operated on relatively flat terrain;
18. Damage to the robot dog caused by collision with people or objects in the environment during operation in complex settings;
19. Damage caused by operation under conditions of mutual interference with other wireless devices (such as WiFi signal interference, electromagnetic interference, etc.);

20. Damage caused by overloading beyond the safe load capacity;
21. Damage caused by various violent or non-violent actions imposed on the robot dog when exceeding its anti-interference limit;
22. Damage caused by unauthorized use of non-original compatible battery packs to power the robot dog;
23. Damage caused by compatibility or reliability issues arising from simultaneous use with third-party products;
24. Damage caused by forced operation when components are aged or damaged;
25. Damage caused by insufficient power supply, or inadequate discharge resulting from the use of battery packs with quality defects;
26. Failure to send the corresponding item within the specified time after contacting the company to confirm the warranty service;
27. Situations such as the robot dog colliding with hard objects, falling, or having obvious signs of being dropped, collided with, or significantly scratched on its surface due to operational errors;
28. Obvious traces of intrusion by dust, gravel, water, or metal powder inside the robot dog; obvious water stains on the surface and inside the robot dog, as well as signs of corrosion on components and circuit boards, caused by use in humid environments;

11.2 Warranty Service

11.2.1 Remote Technical Support

1. Users in Mainland China may apply for services through official after-sales channels, including:

Telephone: 400 816 1787

E-mail: support@cyberstars.com.cn

2. For users outside Mainland China, please contact your local distributor to apply for after-sales service, or submit a service request via the official email channel.

E-mail: support@cyberstars.com.cn (English supported)

11.2.2 Technical Support Instructions

1. The following information is required prior to receiving support: device serial number, fault description, and on-site image materials;
2. After the technical support team receives the request, frontline engineers will conduct a technical diagnosis and provide the diagnosis result and maintenance plan;

11.2.3 Maintenance and Warranty Support

1. Mail-in Repair: For devices confirmed to require repair after online technical support, users must first ship the device to the repair center at their own expense. After inspection confirms the issue is a quality defect covered under warranty, Cyberstars will cover the costs of repair, replacement parts, and return shipping;
2. You shall bear the shipping cost in advance when sending the product to our company;
3. If the inspected product does not qualify for free repair, you may choose either paid repair or having the original device returned. The shipping fee for returning the original device shall be borne by you;

4. If the product issue is beyond the warranty scope, we will charge corresponding inspection fees, replacement part fees, testing fees, labor fees, and transportation fees based on the specific issue;
5. Product repair may result in data loss. Please back up your data in advance;
6. Timeframe Explanation: The cycle for mail-in repair and international transportation is relatively long. It is recommended to confirm the timeframe with customer service in advance;
7. If you have any further questions regarding the warranty service for our company's "Cyber 1" product, please feel free to contact us;

11.3 Limitation of Liability

To avoid illegal acts, potential harm, and losses, it is imperative to comply with the following provisions:

Please carefully read this Manual to using this product to understand your legal rights, responsibilities, and safety instructions; otherwise, property damage, safety incidents, and personal safety hazards may occur. Once you use this product, you are deemed to have understood, recognized, and accepted all terms and content of this document. Please strictly operate the product in accordance with the usage specifications; the user shall be responsible for their own actions and all consequences arising therefrom.

11.3.1 Disclaimer

1. Our company shall not be liable for any form of third-party claims arising from the use of the product;
2. Our company shall not be liable for the storage, loss, or leakage of data (customers shall back up data on their own);
3. This product is not a toy and is not suitable for use by persons under the age of 18. Do not allow children to come into contact with this product, and exercise extreme caution when operating it in environments where children are present;
4. This product is not suitable for use in scenarios such as areas with infants, children, pregnant women, the elderly, disabled persons, or crowded places (where the distance between individuals is less than 1 meter). Our company shall not be liable for any losses or consequences arising from personal injury or property damage caused to the aforementioned personnel due to improper operation in such scenarios;
5. It is strictly prohibited to disassemble, modify, or conduct unauthorized maintenance of this product. Our company shall not be liable for any faults or damages arising from the aforementioned acts;
6. It is strictly prohibited to disassemble, modify, or conduct unauthorized maintenance of this product. Our company shall not be liable for any faults or damages arising from the aforementioned acts;
7. It is strictly prohibited to operate or use this product in unconventional environments (such as high temperatures, extreme cold, chemical corrosion, fire, or water immersion). Our company shall not be liable for any faults or damages arising therefrom;

8. You agree to strictly comply with the applicable export control laws and regulations as well as relevant legal sanctions;
9. You agree not to use the functions or services of this product for the following purposes, including but not limited to supporting terrorism, military applications involving nuclear facilities, biological and chemical weapons, or any other purposes that endanger national security and interests; nor shall you use them for designing, developing, producing, or using weapons of mass destruction (WMDs) or their delivery vehicles;
10. You represent and warrant that you are not subject to any trade restrictions, sanctions, or other legal or regulatory restrictions imposed by any country, international organization, or region; otherwise, you may not be able to properly register for or use the functions and services of our company's product series;
11. We fully recognize our responsibilities and obligations in operating globally and are committed to ensuring that our products and services comply with the legal and regulatory requirements of jurisdictions worldwide. We remind all users to abide by the relevant laws and regulations of the respective regions when using our products and services. We encourage users to understand and respect their rights and obligations under their respective legal frameworks. To adapt to the legal requirements of different regions, we may make appropriate adjustments to product functions, service content, or privacy policies to ensure compliance with local regulations. As a user, you are responsible for understanding and complying with the specific laws of each region, including but not limited to behaviors related to the uploading, sharing, downloading, and use of content;
12. The user undertakes to use this product solely for legitimate purposes and agrees to all terms and content of this document, as well as any relevant policies or guidelines that our company may formulate. Our company shall not be liable for any losses or consequences arising from the user's failure to use the product in accordance with this Manual;
13. Subject to compliance with applicable laws and regulations, our company reserves the final right of interpretation of this document. We shall have the right to update, revise, or terminate these terms without prior notice;

12 Connecting to Wi-Fi and OTA

12.1 Connecting to Wi-Fi

The main function of connecting the robot dog to WiFi is to perform OTA updates on the device. The OTA update function will be introduced in Section 12.2.

Steps for Connecting to Wi-Fi

1. Connect your mobile phone's Wi-Fi to the robot dog's hotspot.

Hotspot name: [Cyber1-\[Device Serial Number\]](#)

password: [12345678](#)

2. Open the browser on your mobile phone and scan the QR code below.

Alternatively, enter the URL directly: [10.42.01:5000](#)



3. After scanning the QR code, the browser will display the following interface. Enter the name and password of an accessible 5GHz Wi-Fi network, then click Submit. Once the Wi-Fi configuration is successful, the robot dog will announce "Wi-Fi configuration successful".

CYBERSTAR★S 星玑智能

WIFI名称 / SSID:

WIFI密码 / Password:

提交 / submit

清空 / clear

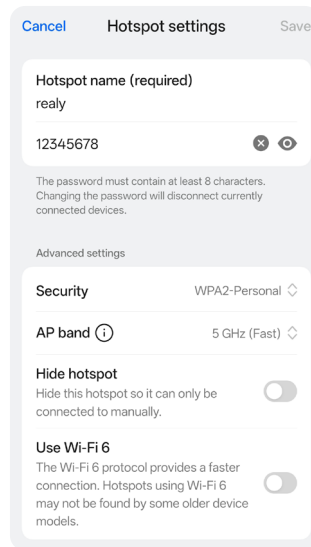
杭州星玑智能科技有限公司深耕具身智能领域，依托团队深厚的技术与产品能力，为客户提供从产品设计、研发到交付的全产业链服务。公司聚焦智能四足机器人应用拓展，重点布局个人消费级市场，及电力巡检、农业、应急救援、安防巡检、家庭服务等领域。

Hangzhou Cyberstar Co., Ltd. is deeply engaged in the field of embodied intelligence. Leveraging the team's strong technical expertise and product capabilities, the company provides end-to-end, full-value-chain services for customers, covering product design, R&D, and delivery. The company focuses on expanding applications of intelligent quadruped robot dogs, with a strategic emphasis on the consumer market as well as sectors such as power inspection, agriculture, emergency rescue, security patrol, and home services.

Notes

(1) In Point 2 above, the colon in the URL "10.42.0.1:5000" shall be an English half-width colon.

(2) In Point 3 above, if you need to configure your mobile phone's hotspot as the Wi-Fi for the robot dog to connect to (note: mobile phone hotspots have poor compatibility; using a router's Wi-Fi is recommended), please set the mobile phone's hotspot frequency band to 5GHz and the security mode to "WPA2-Personal", as shown in the figure below.



12

Connecting to Wi-Fi and OTA

12.2 OTA Updates

1. the robot dog is connected to an accessible Wi-Fi network, it will automatically download the new firmware when the server pushes a new firmware version.
2. Upon the next startup, the robot dog will broadcast a voice prompt to inform the user whether to perform the upgrade. The voice prompt is: "New version detected. Press "Direction Button $\uparrow$ + Button A" to confirm the upgrade, or press "Direction Button $\uparrow$ + Button B" to cancel the upgrade." (For the operation method, see the figure below)



3. After the upgrade is completed, the robot dog will restart automatically



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National Service Hotline:400-816-1787

Please visit the official website of Cyberstar Co., Ltd.
to learn more about the relevant terms and policies of the
products.