

2.1.2 Safety Remarks:

Danger

If there is no emergency, do not touch Cruzr while it is moving unless it clearly invites you to do so.

To avoid feet injuries, do not place your toes under the chassis of Cruzr.

To avoid hand injuries, do not place your hand near the joints of Cruzr.

Do not touch the built-in battery. If the battery is broken or damaged, please contact Cruzr technical support.

Warnings

Children 12 and under require adult supervision when using Cruzr.

The packaged Cruzr AC adapter and charging dock are the only dedicated chargers.

Do not allow any foreign objects to be inserted into the robot, otherwise an electric shock or short circuit may occur.

Do not use lubricant to lubricate any parts of Cruzr, otherwise mechanical malfunction may occur.

Do not get Cruzr wet. Do not operate Cruzr with wet hands. Cruzr's normal operating humidity range is between 20% to 70%, otherwise malfunction may occur.

Cruzr's normal operating temperature is 5-35 degrees centigrade (41-95 Fahrenheit). Keep Cruzr away from, open flames, or other sources of heat and avoid direct sunlight, otherwise damage may occur.

Do not any obstructions that can be detected by the sensor (e.g. dangling stainless steel wire), or it may collide with the object or not be able to move.

Do not cover the sensors of the robot (e.g. torso and head) as sensor and joint functions may be affected.

All maintenance actions should be carried out under the direction or supervision of Cruzr technicians.

Caution

Cruising or pushing Cruzr's servo joints may cause damage to Cruzr.

Do not lean against Cruzr.

Do not let Cruzr fall over. A dry and flat surface is recommended for use.

Push the Emergency-Stop Button immediately when Cruzr is out of control.

Cruzr is for indoor use only. Do not use Cruzr outdoors.

Please keep at least a 1 m distance between you and Cruzr to avoid being struck by its arms.

If Cruzr is running abnormally, especially if you detect unusual sounds, smells, or smoke, push the Emergency-Stop Button immediately to turn off the robot, and contact our Cruzr technical support.

2.1.3 When Liquids Splash on Cruzr

Splash or sprinkle of the liquid on the Cruzr or battery charger may penetrate the inside of Cruzr and cause short circuit, and the warranty will be invalid automatically.

Caution: Do not attempt to use an external heater (e.g. hair dryer or oven) to dry Cruzr.

A. If liquid doesn't penetrate into its plastic shell:

If you are sure of this, and only a few drops have been sprinkled on Cruzr, you should:

1. Disconnect all wires and the AC adapter from the wall outlet.
2. Press the On/Off Button to turn off Cruzr.
3. Wipe Cruzr dry.
4. Start Cruzr only after it is thoroughly dry.

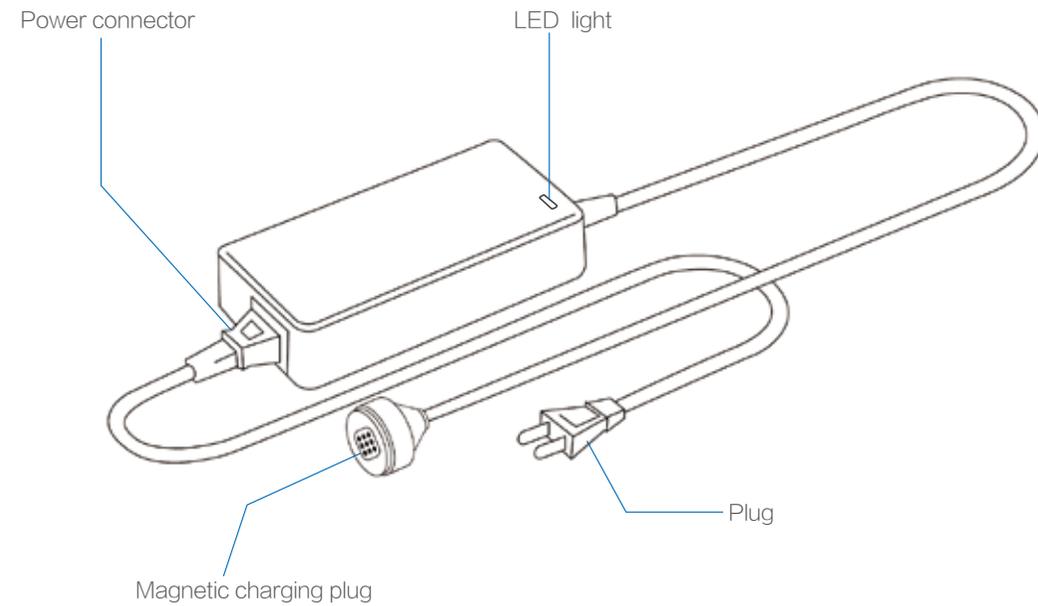
B.If liquid has flowed into its outer shell:

- 1.Disconnect the adapter.
- 2.Press the On/Off Button to turn off Cruzr.
- 3.Dry it as much as possible.
- 4.Contact Cruzr technical support.
- 5.Do not use Cruzr or its AC adapter.

2.2 AC Adapter Safety

2.2.1 General Guidelines

please take note of the terms used in the following figure



2.2.2 Safety Remarks

Danger

Keep children 12 and under away from the adapter. Do not disassemble or try to repair the adapter yourself.

The adapter is not waterproof.

Please keep it dry.

Do not use the adapter in the rain, in bathrooms, or in any other high humidity environments.

Do not operate adapter with wet hands.

In case the adapter gets wet, cut off the electricity supply via your circuit breaker, then remove the plug from the outlet.

Warnings

The temperature of the charger will increase when charging, and please be careful when handling.

Avoid being near a heated device.

Do not cover the adapter or put it in a narrow place. Keep the adapter away from heat sources and direct sunlight.

Do not expose the adapter to temperatures above 45 degrees centigrade (113 Fahrenheit) during use.

Ensure the available supply voltage is compatible with the adapter.

Do not use a supply voltage other than the one specified (AC 100V-240V).

When using a power expander or universal adapter, make sure the rated current of the adapter is enough.

You can use a power expander or multi-socket adapter to extend from the wall outlet, but only one extension device at a time.

When Cruzr is not used or cleaned for a long time, please disconnect the adapter from Cruzr.

Do not use the adapter if it is damaged.

The adapter and supplied wires can only be used for Cruzr. Other power cords may damage the robot or adapter and may cause a fire or electric shock.

The adapter does not have an On/Off switch. To turn off the adapter, you must unplug it.

If you detect smoke, sparks, noises, or smells coming from the adapter, unplug it immediately and contact Cruzr technical support.

Do not use the adapter during thunderstorms.

Attention

When charging, place the adapter on a smooth surface and make sure the cords and plug are within easy reach. The LED indicator lights allow the user to easily check the charging status.

Avoid the adapter from external damage.

To maximize battery life, fully charge the battery at least once every three months.

Try to reduce the impact of dust or other foreign objects from affecting the adapter. Do not use it in dusty places.

If there is dust on the plug, disconnect the adapter and clean the plug with a soft and dry cloth.

2.2.3 When Liquids Splash on the AC Adapter

When the adapter is wet, please refer to “2.1.3 When Liquids Splash on Cruzr” and follow the instructions.

1. If it is plugged in, cut off the electricity supply via your circuit breaker.
2. Remove the plug from the outlet.
3. Disconnect the adapter and make sure it is off.
4. Wipe the adapter and dry it by air.
5. Contact Cruzr technical support.
6. Do not use the adapter until it is fixed.

2.2.4 Recycling

1. Proper handling of old products contributes to environmental protection and human health.
2. Please follow local regulations when recycling. Do not dispose the adapter with household waste.
3. For more information, contact Cruzr technical support.

Part III: Cruzr Operations

Cruzr Robot Basic Software Functions (Standard Version P11)

#	Functions	Description
1	Power On/Power Off/Stand by	1.Power On: Power on the robot 2.Stand by: Put the robot into the power saving state 3.Power Off: Power off the robot
2	Power On Settings	Set the basic settings for the robot when it is powered on for the first time
3	Launcher	1. Home screen apps: All apps on the home screen 2. Navigation bar: From the navigation bar, you can go back to the previous screen, wake up Cruzr with a button, switch to the Admin Mode, etc.,
4	WiFi	Connect to Wi-Fi to make better use of Cruzr
	Display	Adjust the screen brightness of Cruzr and set a screensaver, etc.
	Battery & Recharging	View the current battery level of Cruzr and set auto-charging for Cruzr.
	Voice System	1. Volume: Set the volume of Cruzr 2. Cruzr Voice: Set the voice (voice source) of Cruzr 3. Speed: Adjust the speed of speech 4. Vision Wakeup: Move close to the robot to wake it up 5. Turn to Sound Source: The robot turns in the direction of a sound source 6. Wakeup Tone: Set the tones for voice wakeup, touch wakeup, and vision wakeup 7. Voice Assistant: Turn voice assistant popups and voice overlays on and off, and set up general responses 8. Voice Environment: Set the working environment for the robot
	About	View the basic information about your Cruzr robot
	Working Mode	1. Normal Mode: Let Cruzr enter the power saving state when idle 2. Greeting Mode: Let Cruzr automatically greet guests when idle 3. Cruise Mode: Let Cruzr automatically Cruise when idle
	User Security	Set the administrator verification for Cruzr. Supports password verification and face verification
	Date & Time	Set the date and time for the robot
	Factory Reset	Restore the settings of Cruzr
	Language	Three system languages are supported: Simplified Chinese, Traditional Chinese, and English
Contact Us	Contact details of UBTECH's after-sales service	

#	Functions	Description	
5	Calendar & Clock	1. View date information 2. View clock information	
6	Voice Interaction	1. Provide offline Q&A, and picture, expression, and action could be executed with answer. 2. Provide online Q&A, and picture, expression, and action could be executed with answer.	
7	Dance	12 basic dances are supported	
8	Live Video Customer Service	Let Cruzr call the live video customer service to start instant video communication with mobile or PC software	
9	Multimedia	Music	Play music stored on the robot
		Videos	Play videos stored on the robot
		Albums	Open photo albums stored on the robot
10	User Management	1. Add, edit, or delete a user on Cruzr 2. Recognize a user that has already input information	
11	Maps & Movement	Basic Movement	Use voice controls to make Cruzr move forward, turn, etc.
		Calling Robot	Ask the robot to come over
		Maps & Positioning	You need to determine the current location of your robot before using the navigation feature for the first time after powering the robot on
		Basic Navigation	You can use voice commands or touch the screen to have Cruzr navigate to a location with or without a track
		Directions & Guiding	When asked for a location, Cruzr will point out the direction or lead the user to the destination
		Tour & Explanation	1. The robot can guide users around and give illustrated explanations 2. You can interrupt Cruzr and order Cruzr to perform other operations
12	Battery Level	1. View the battery usage of Cruzr 2. Send Cruzr to recharge	
13	Ads	Preview ads, create new ad lists, and play ads	
14	Timer	Schedule Cruzr to play ads, music, or videos, dance, or recharge	
15	E-skin	Prevent harm to the users or the robot itself when the servo is running	
16	System Update	1.Check for new versions 2.Update the system to the latest version	

3.1 Power On/Off

3.1.1 Power On

1. Press the power button on the chassis as shown in Figure 3.1.1.a.
2. Press and hold the On/Off button on the back of the robot for 3 seconds as shown in Figure 3.1.1.b.

Note:

Step 1 is only necessary if the power button is off (e.g. starting Cruzr for the first time). If the power button is not off, you can directly perform step 2 to power on the robot.

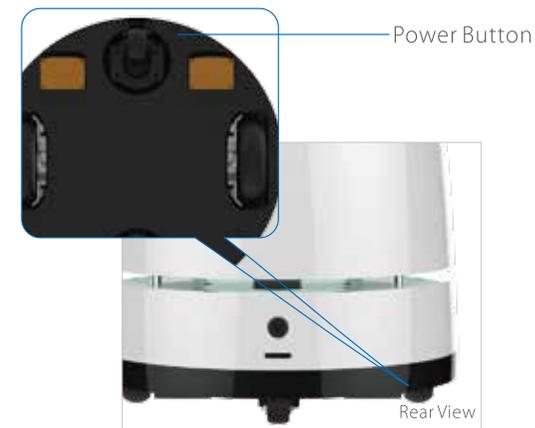


Figure 3.1.1.a

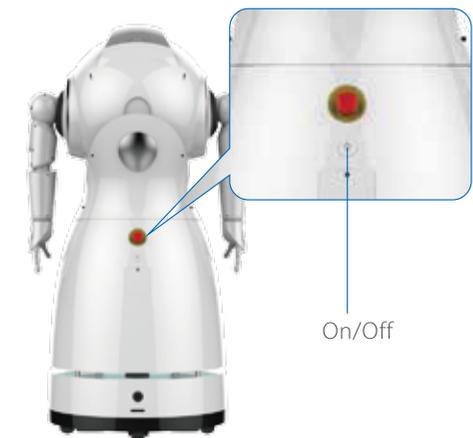


Figure 3.1.1.b

3.1.2 Stand By

During standby, the robot will enter power saving mode. To put the robot into standby, you can:

1. Select power saving mode in the Power Off interface;
2. Schedule the robot to enter power saving mode in Normal Mode.

3.1.3 Power Off

1. Command power-off: Use the power-off voice command (Power off) to shut down your robot. This command is only available in Admin Mode. Before using it, please read 3.4 Basic Software Functions and Commands.
2. System power-off: Enter the system settings interface from the navigation bar on the bottom of the screen and tap the Power Off button to shut down your robot.
3. Hardware power-off: Press and hold the On/Off button on the back for 3 seconds to shut down your robot.

Note: Do not use the power button on the bottom to power off, as this may damage the robot.

Part IV:

PC and App Operations

4.1 PC Operations

PC Software Basic Functions

#	Functions	Description	
1	Device Management	1. Robot management: View the robot status and perform actions such as connect and delete 2. Robot connection: To connect a robot, make sure the company name is consistent and enter the serial number and secure password correctly	
2	Remote Control	Motion control	1. Adjust the view of the robot remotely 2. Control the motion of the robot remotely (motion speed can be adjusted)
		Video Monitoring	Monitor the robot screen remotely
		Voice Control	Control robot speech remotely (you can send a quick script)
		Face Control	Control robot facial expressions remotely
		Music	Obtain the list of music stored on the robot and play it remotely
		Videos	Obtain the list of videos stored on the robot and play it remotely
		Dance	Obtain the list of dances stored on the robot and play it remotely
3	Live Video Customer Service	Receive video calls from the robot Make video calls to the controlled robot	
4	Current Location	Obtain the robot's location on the map	
5	Auto-recharging	Remotely send the currently controlled robot to go recharge	
6	Remote Power Off	Power off the currently controlled robot remotely	
7	Basic Settings	Voice	Set the volume of Cruzr remotely
		Speed	Set the motion speed of Cruzr remotely
		Language	Set the system language of Cruzr remotely
		Cruzr Voice	Set the voice of Cruzr remotely
8	Function Settings	1. Greeting settings: Set the greeting functions of the robot	

8	Function Settings	2. Ad settings: Edit ad content and sync ads to the robot	
		3. Timer settings: Schedule the robot to play ads, music, or videos, dance, or recharge	
		4. Local Q&A: Edit and sync Q&A stored on the robot	
9	User Management	Obtain the user data on the robot and sync the user data to other robots	
10	Maps management	By importing a map created with Slam, you can edit the location and path on your PC software and then sync the map information to the robot	
11	Remote Maps	View the map information of the currently controlled robot remotely	
12	Centralized Control	Control up to 9 robots at one time remotely	
13	Data Sync	1. Sync images, music, and video files to robots	
		2. Sync map information to robots	
		3. Sync user information to robots	
14	System Settings	1. Company Name: Set the same company name as the current robot	
		2. Chinese, traditional Chinese and English are supported.	
15	Other	Help	Robot User Manual (electronic edition)
		Contact Us	Contact details of UBTECH's after-sales service

4.1.1 Company Name Settings on PC

A company name text box will pop up when you first start the PC software. You must set the company name before going further. The company name on the PC software must be the same as the company name set in the robot.

4.1.2 Link A Robot on PC

You need to link a robot before communicating with it. To link a robot, you should:

1. Make sure your robot is powered on and connected to the Internet;
2. Enter the correct serial number and password.

Note: The password is the one the administrator creates for the robot. The serial number is the unique identifier assigned to the robot. You can find it on the bottom of the robot or on the packing box.

Steps:

1. Tap Link a Robot (as shown in Figure 4.1.2)
2. Enter the serial number and password of the robot (as shown in Figure 4.1.2b)

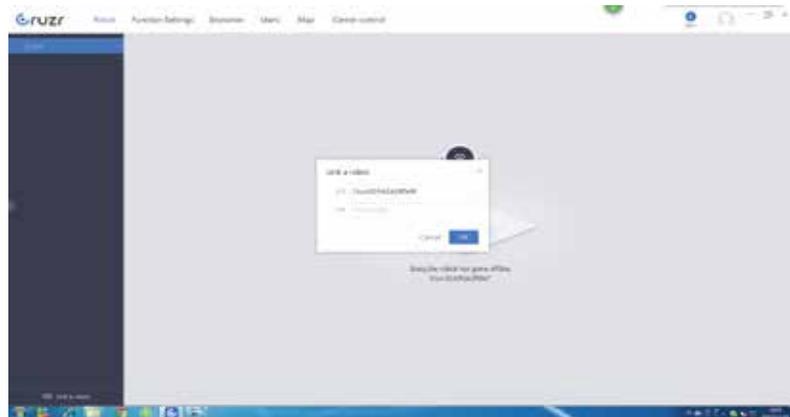


Figure 4.1.2

4.1.3 Robot Status

Status icon	Description
● Offline	The robot is powered off or offline. You cannot check information or control it.
● Available	The robot is available. You can check information and control it.
● Occupied	The robot is being controlled by another PC or app. You can check information on this device but cannot control the robot.
● Controlled	The robot is being controlled by you.

4.2 App Operations

App Operations

#	Functions	Description	
1	Remote Control	Motion Control	1. Adjust the view of the robot remotely 2. Control the motion of the robot remotely (motion speed can be adjusted)
		Video Monitoring	Monitor the robot screen remotely
		Voice Control	Control robot speech remotely (you can send a quick script)
		Face Control	Control robot facial expressions remotely
		Music	Obtain the list of music stored on the robot and play it remotely
		Videos	Obtain the list of videos stored on the robot and play it remotely
		Dance	Obtain the list of dances stored on the robot and play it remotely
2	Video Communication	Receive video calls from the robot	
		Make video calls to the controlled robot	
3	Maps Control	View the map information of the currently controlled robot remotely	
4	Battery Monitoring	Remotely send the currently controlled robot to go recharge	
5	Robot setup	1. Remotely control the switch for the robot's arm actions and chassis movement	
		2. Remotely set the volume, language, and TTS voice source for the robot	
6	Power Off	Power off the currently controlled robot remotely	
7	My Center	My Device	1. Robot management: View the robot status and perform actions such as connect and delete 2. Robot connection: To connect a robot, make sure the company name is consistent and enter the serial number and secure password correctly
		Interactive Edit	Quick chat: Edit the quick Q&A content during remote control