

2. Screen Display:

Select either “Brightness” or “LCD Backlight Time” submenu:

Brightness: The screen brightness can be adjusted from Level 1 to Level 5. Use **UP/DOWN arrow** to select. Press **ESC** to return to previous screen.

LCD Backlight Time: To save battery, the screen can be turned off after a certain time of inactivity. Choices are “Always On”, 10 sec, 20 sec, 30 sec, 1 minute and 3 minute. Press **MENU/ENTER** to select, **ESC** to return to previous screen.

3. Speed Balance:

Adjust the relative speed of the left and right motor to compensate for any steering error. Change these settings only if the tank cannot go straight as desired.

Use **Left/Right Motor Control Stick** (2, 12) to change the corresponding motor speed level. For example, if during normal play, the tank moves slightly to the left when both control sticks are pushed forward, you should set a higher speed level on the left bar than the right bar. Save the setting, test the movement and readjust if needed.

Press **MENU/ENTER** to save the current setting. Press **ESC** to return to previous screen.

4. Language:

There is a choice of languages for the menu display.

Chinese/English/Japanese/French/Spanish/Portuguese/Dutch/Italian are selectable. Use **UP/DOWN arrow** to select. Press **MENU/ENTER** to change to the highlighted language. Press **ESC** to return to previous screen.

5. Exit:

Press **MENU/ENTER** to restore factory default setting of “Brightness”, “LCD Backlight Time” and “Language”. Press **ESC** to return to previous screen.

● Technical Specifications:

LCD Display	2.4 inch TFT color LCD
Photo Resolution	640x480 Pixels
Video Resolution	320x240 Pixels
External storage	microSD card up to 16GB
Remote Control Distance	Up to 250M
Batteries Required	4 X AA (Controller), 6 X AA (Tank) (not included)

● FCC Information

This device complies with Part 15 of the Federal Communications Commission (FCC) Rules. Operation is subject to the following two conditions:

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

CAUTION:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this 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 manufacturer's instructions, may cause interference harmful to radio communications.

There is no guarantee, however, 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 to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for help.

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Dr Zoom LCD Live Video Remote Control Tank

Warning! Not suitable for children under 36 months. Small parts. Choking hazard.

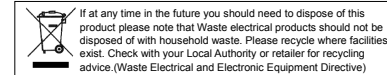
Batteries required: 10 x AA/LR6 (Not included)

IMPORTANT: Keep these instructions. DO NOT DISCARD.



Safety Notice:

1. Do not drop, puncture or disassemble the device.
2. Do not drop in, spray with or submerge device in water.
3. Do not expose the device to high temperature or leave it in direct sunlight. Doing so may damage the device.



1. Only adults should install and replace batteries.
2. Alkaline batteries are recommended.
3. If the device has not been used for a long time, remove the batteries.
4. Do not use rechargeable batteries.
5. Do not mix old and new batteries.
6. Do not mix alkaline, standard (carbon zinc) or rechargeable (nickel cadmium) batteries.
7. Exhausted batteries are to be removed from the toy.
8. Non-rechargeable batteries are not to be recharged.
9. The supply terminals are not to be short-circuited.
10. Only batteries of the same or equivalent type as recommended are to be used.
11. Batteries are to be inserted with the correct polarity.
12. Do not dispose of batteries in fire, batteries may explode or leak.
13. Batteries may explode or leak if misused.

● Parts Identification:

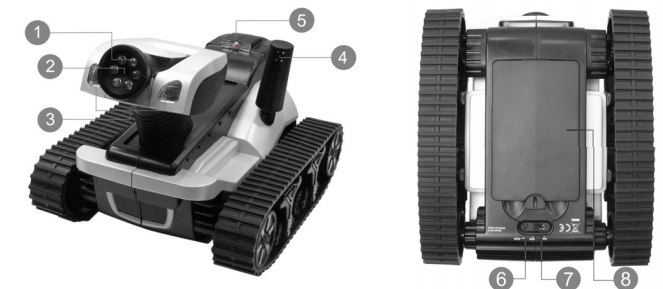
Controller:

1. Camera Up/Down
2. Left Motor Forward/Backward
3. Monitor screen
4. Esc/Zoom
5. Volume +
6. Take Picture
7. microSD card slot
8. Volume -
9. Record
10. ENTER/Menu
11. Power Indicator
12. Right Motor Forward/Backward
13. Camera Up/Down
14. Power switch
15. Speaker
16. Battery Compartment



Tank unit:

1. IR LED
2. Camera
3. Headlight
4. Microphone
5. Power Indicator
6. Pairing Button
7. Power Switch
8. Battery Compartment



● Battery Installation:



Open the battery compartment on the back of the controller with a screwdriver and install 4 AA size batteries according to the indicated polarities as shown. Replace the battery cover and tighten the screw.

Unlock the battery compartment door on the back of the tank by turning the lock by 180° as shown. Install 6 AA size batteries according to the indicated polarities as shown. Replace and lock the battery door.



● Power Up and Connect:

The Tank and the controller are already paired in the box. However, in case the wireless connection cannot be established, you can follow the procedure below to pair the device:

1. Power on the tank by sliding the power switch to "ON".
2. Press the **PAIR** button next to the power switch once. The power indicator will blink, indicating it is searching for a controller.
3. While pressing the **ESC** button, power on the controller by sliding its power switch to "ON". The LCD display will show the searching screen and software version.
4. The controller and the tank will look up each other automatically. After a successful match, the LCD display will show the live viewing screen and the power indicator on the tank will stay on.

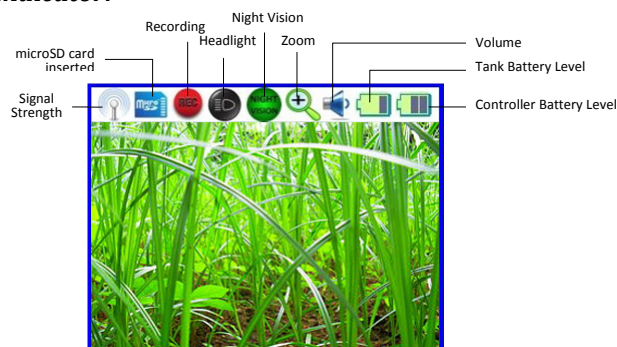


Searching screen

This matching process will usually take less than a few seconds to complete and only need to be done once. The controller and tank are now associated with each other and you can turn on and off both normally without pressing any key. Only in case the connection failed even in close distance do you need to repeat the above pairing process.

***Note:** If multiple units of controllers and tanks are in the same area, make sure the initial pairing procedure is done with the other units turned off. Once paired, up to 4 sets of tank and controller can be played at the same time. However, players are advised to move apart to minimize the possibility of interference.

● LCD Display Indicator:



Signal strength icon

Weak signal



MicroSD card state icon: Shown when memory card is inserted



Headlight state icon: Headlight LED is turned on



Zoom state icon: Shown when ZOOM is enabled



Battery state icon: Remote unit and Tank's battery level.



No signal

Strong signal

Record state icon: Shown when CAPTURE or VIDEO recording

Night Vision state icon: IR LED is turned on

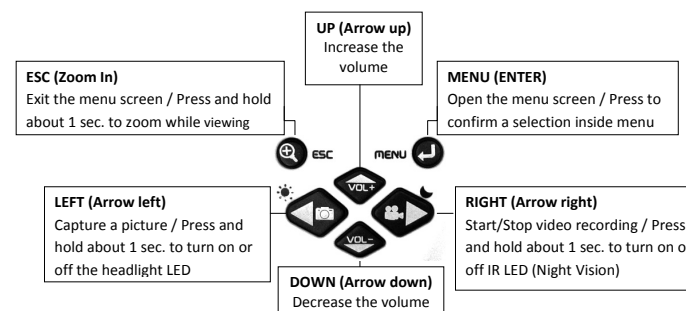
Volume state icon: Sound level display

● Movement Keys:

Press the Left and Right control stick to move the tank forward/backward and to turn in different directions.

Press the Camera Up/Down buttons to control the tilt angle of the camera. The camera will move in the reverse direction if it reaches the topmost or bottommost position.

● Function Keys:



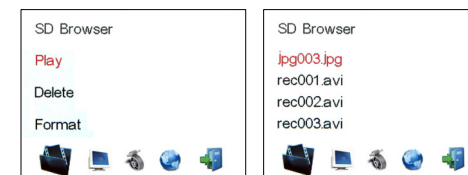
● Menu:

Press **MENU/ENTER** to show the menu. Press **LEFT/RIGHT arrow** to select different menu choices. Press **MENU/ENTER** to enter submenu. Press **ESC** to return to viewing screen.

Inside submenu, press **UP/DOWN arrow** to select item, press **MENU/ENTER** to confirm selection and press **ESC** to return to previous menu.

1. SD Browser:

If a memory card is inserted, use this function to view the saved photos and videos. Use **UP/DOWN arrow** to select file. Press **MENU/ENTER** to enter submenu. Operation includes Play/Delete/Format. Format function will erase all data in the memory card, use this function with care.



Button usage during video file playback:

MENU/ENTER	Stop and return to file list
UP/DOWN arrow	Skip to previous/next video file

Button usage during picture view:

MENU/ENTER	Return to file list
ESC (press and hold 1s)	Toggle zoom view
UP/DOWN arrow	Skip to previous/next picture file
LEFT/RIGHT arrow	Move viewing window up/down in zoom mode
	Move viewing window left/right in zoom mode

Photos and videos are stored in the folder "MOV" in the memory card*:

Photo files are named from **jpg001.jpg** to **jpg255.jpg**

Video files are named from **rec001.jpg** to **rec255.jpg**

If you wish to transfer files from the microSD card to the computer, you will need a microSD card reader (not included). Insert the memory card into the card reader and connect it to the computer. Your computer will recognize the inserted memory card as an external drive.

Follow the prompt on your screen to view the files. If no prompt appears, you may access the card reader via "My Computer" or Windows Explorer. Copy and paste files from the memory card to your computer as you would with any external disk.

***Note:** Only up to 255 photos and videos (combined sum) can be stored in the MOV folder. In such case the memory card icon will become grey in color. Please delete files not needed or move the files to a new folder using a computer in order to take more photos or videos.