

Wireless handle control

一、PS2 handle introduction

PS2 controller introduction:

PS2 consists of two parts: a handle and a receiver. The handle is mainly responsible for sending key information.

When you turn on the power switch of the handle, the handle and the receiver are automatically paired and connected.

When pairing is not successful, the green light of the receiver flashes, and the light on the handle also flashes.

After successful pairing, the green light on the receiver is always on, and the light on the handle is also on.

At this time, you can press the "MODE" button to select the handle sending mode.

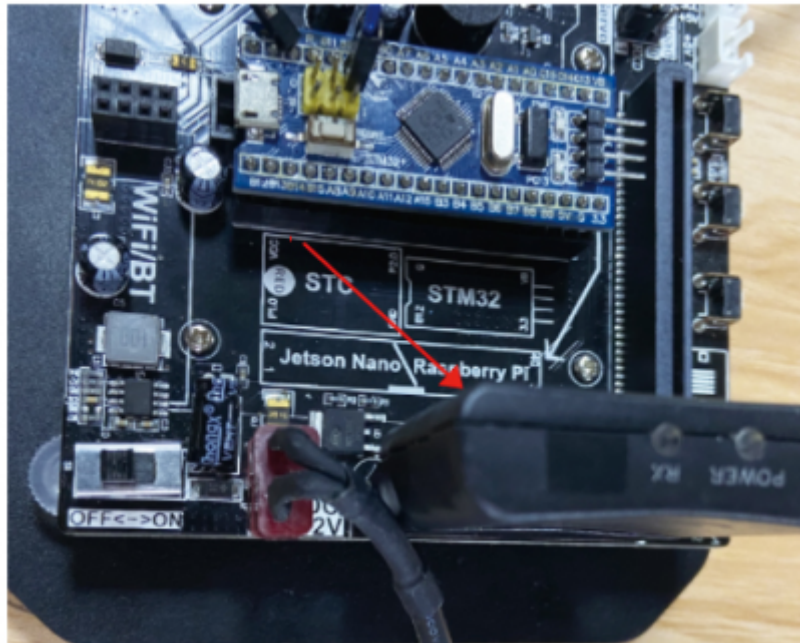
Red light mode: the joystick outputs analog values;

Green light mode: the joystick corresponds to the four above.

There are only four corresponding extreme directions for each button.



2. Install receiver



Insert the PS2 controller's receiver into the DOFBOT SE expansion board.

The indicator light of the receiver is steady red and flashing green, indicating that it is waiting for connection.

Turn on the switch of the handle, and we can see that the red and green indicators of the receiver are always on, indicating that the receiver and handle are successfully paired.

Press the mode button on the handle to switch the handle to steady green mode to control the robotic arm.



3. Handle control

