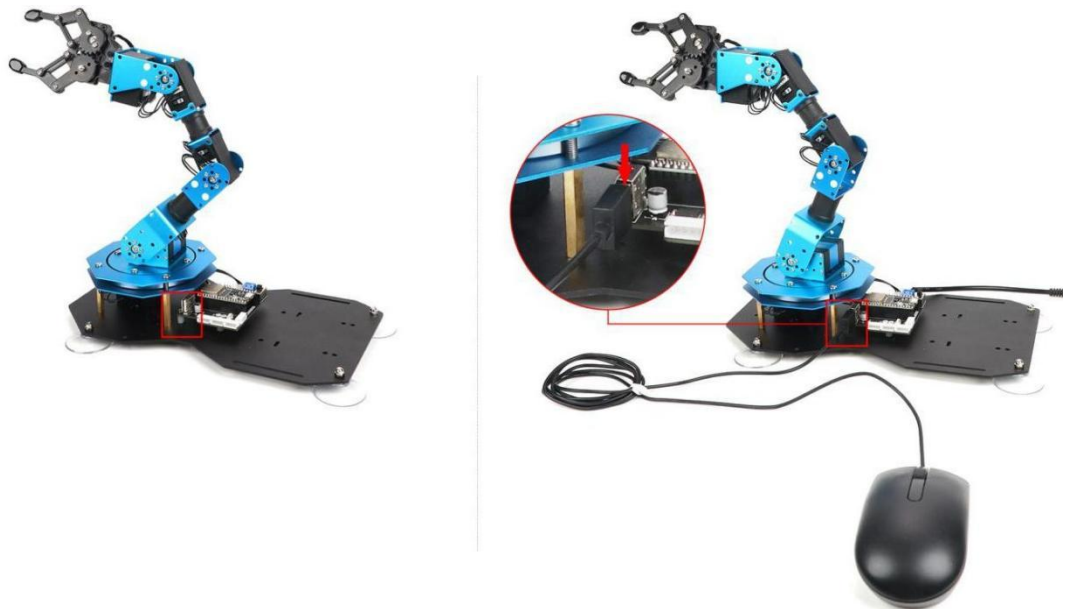# Lesson 3 Mouse Control

The control board of the xArm ESP32 robotic arm can analyze the mouse action information, and transfer the obtained data to the single-chip microcontroller through SPI for processing. Then the corresponding servos will execute the actions.

1. Getting Ready

Step 1: Please prepare your own mouse. If the handle receiver is inserted into the controller, don't forget to take it out.

Step 2: Connect the mouse into the controller, as the figure shown below:

2. Device Connection

Step 1: switch on the robotic arm.

Step 2: wait for a second, the robotic arm will automatically pair with the mouse.

3. Operation Instruction

Operation	Servo
scroll up and down	No.1 servo
mouse left-click + move left and right	No.2 servo
mouse right-click + move up and down	No.3 servo
mouse left-click + move up and down	No.4 servo
Mouse moves up and down	No.5 servo
Mouse moves left and right	No.6 servo