

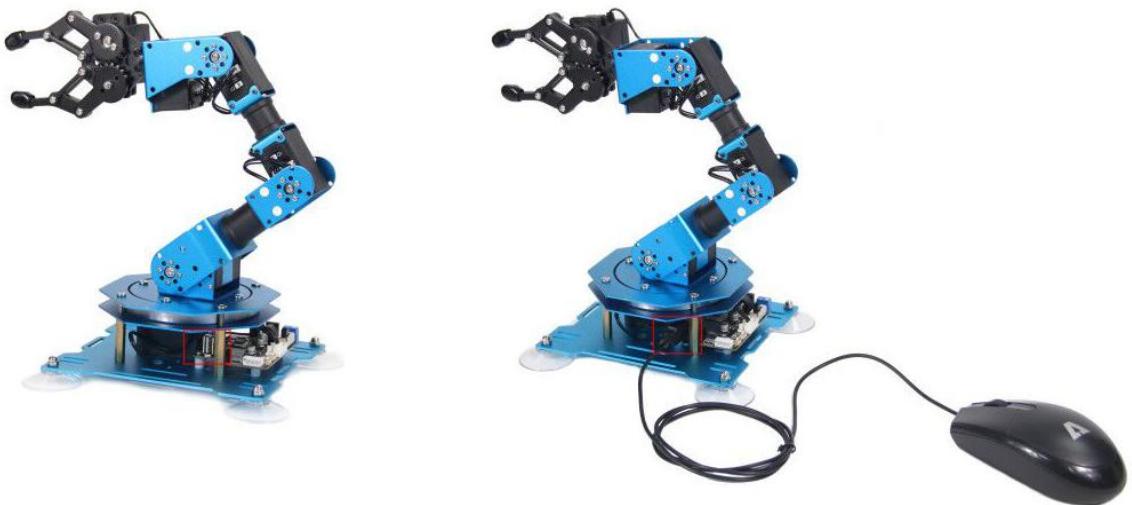
Lesson 3 Mouse Control

The control board of the xArm 1S robotic arm can analyze the mouse action information, and transfer the obtained data to the single-chip microcomputer through SPI for processing. Then the corresponding servos will execute the action.

1. Getting Ready

Step 1: Please prepare your own mouse. If the wireless remote control receiver in the controller board, don't forget to take it out.

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



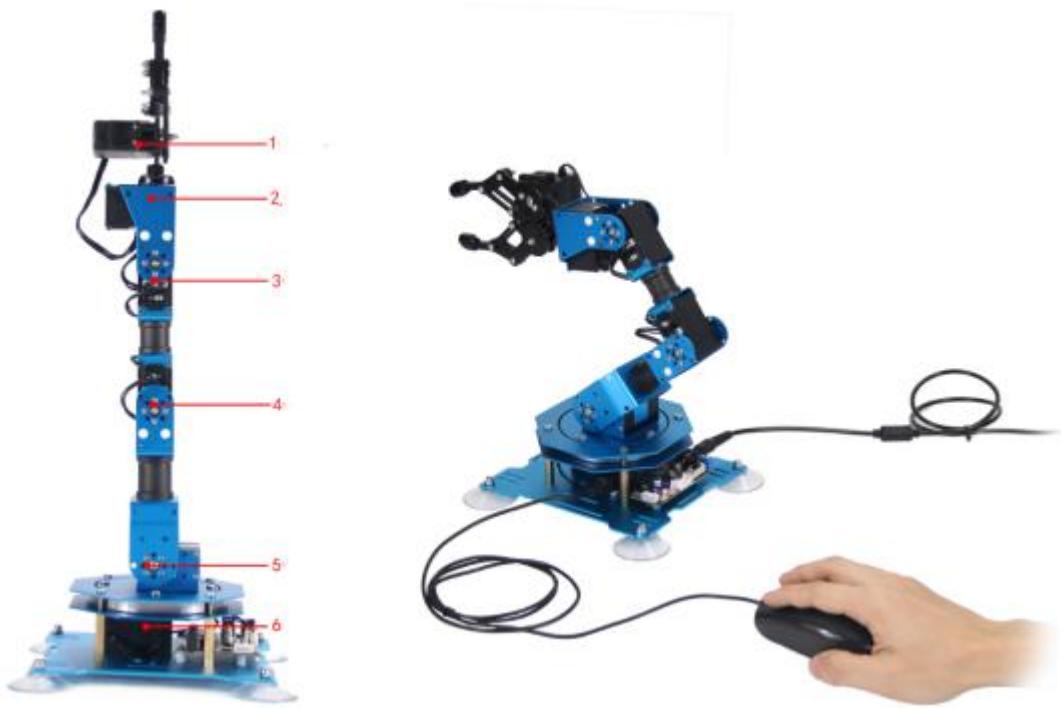
2. Device Connection

Step 1: Turn on robotic arm.

Step 2: Please wait for a second. The robotic arm will automatically pair with

the mouse.

3. Operation Instruction



| Operation | Servo |
|-----------------------------------------|------------|
| Roll the scroll wheel | No.1 servo |
| Left mouse button + move left and right | No.2 servo |
| Right mouse button + move up and down | No.3 servo |

| | |
|-------------------------------------------------|-------------------|
| Left mouse button + move up and down | No.4 servo |
| Mouse moves up and down | No.5 servo |
| Mouse moves right and left | No.6 servo |