

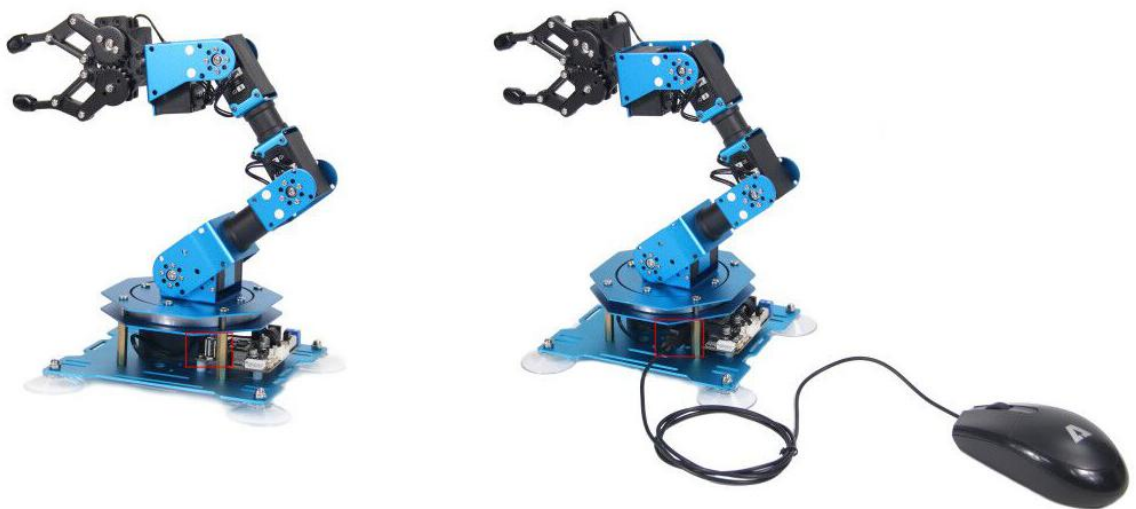
Lesson 3 Mouse Control

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:



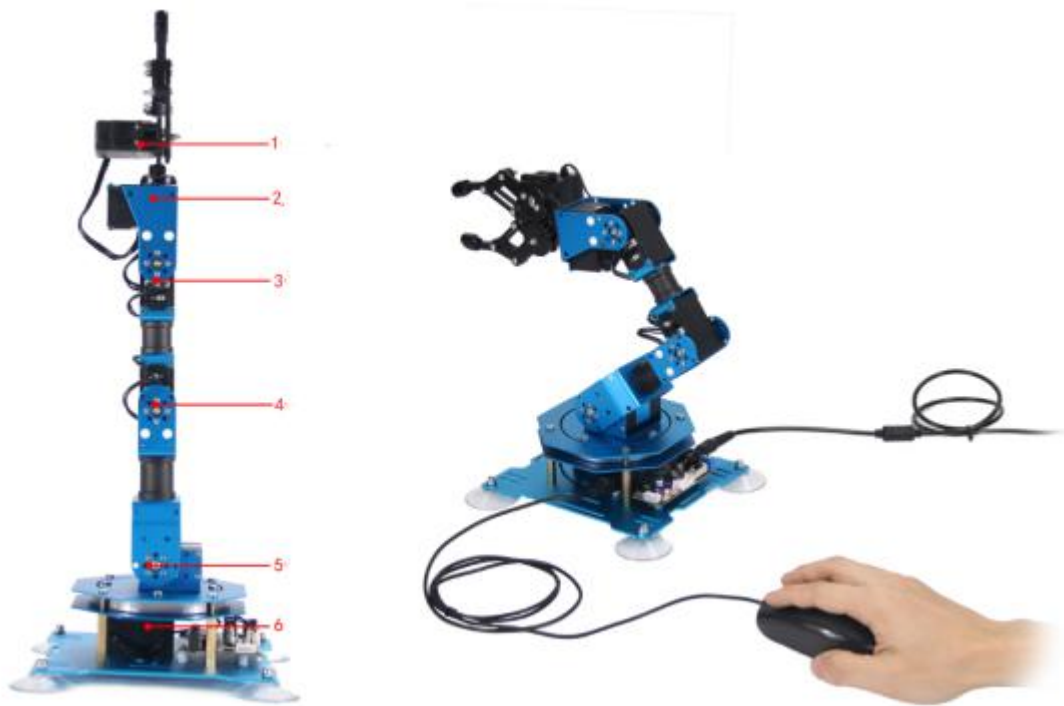
2. Device Connection

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