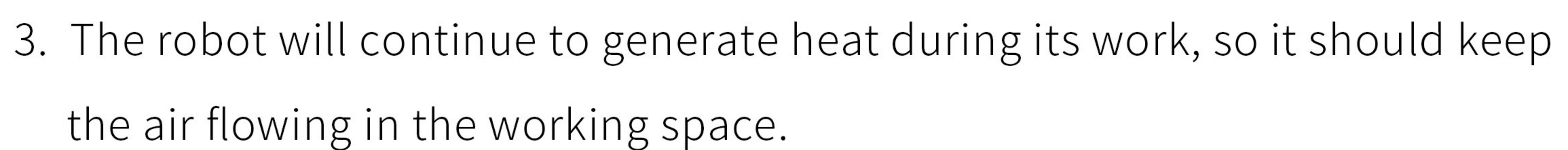
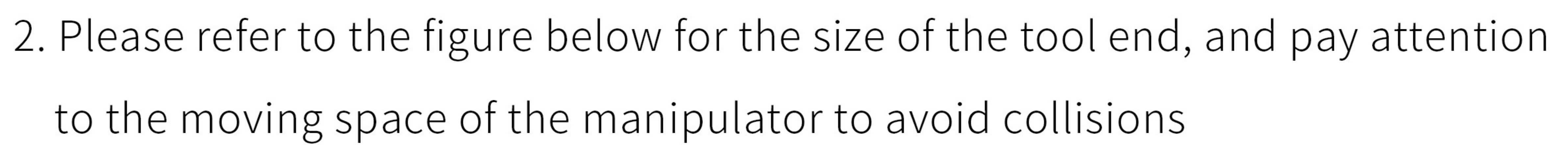
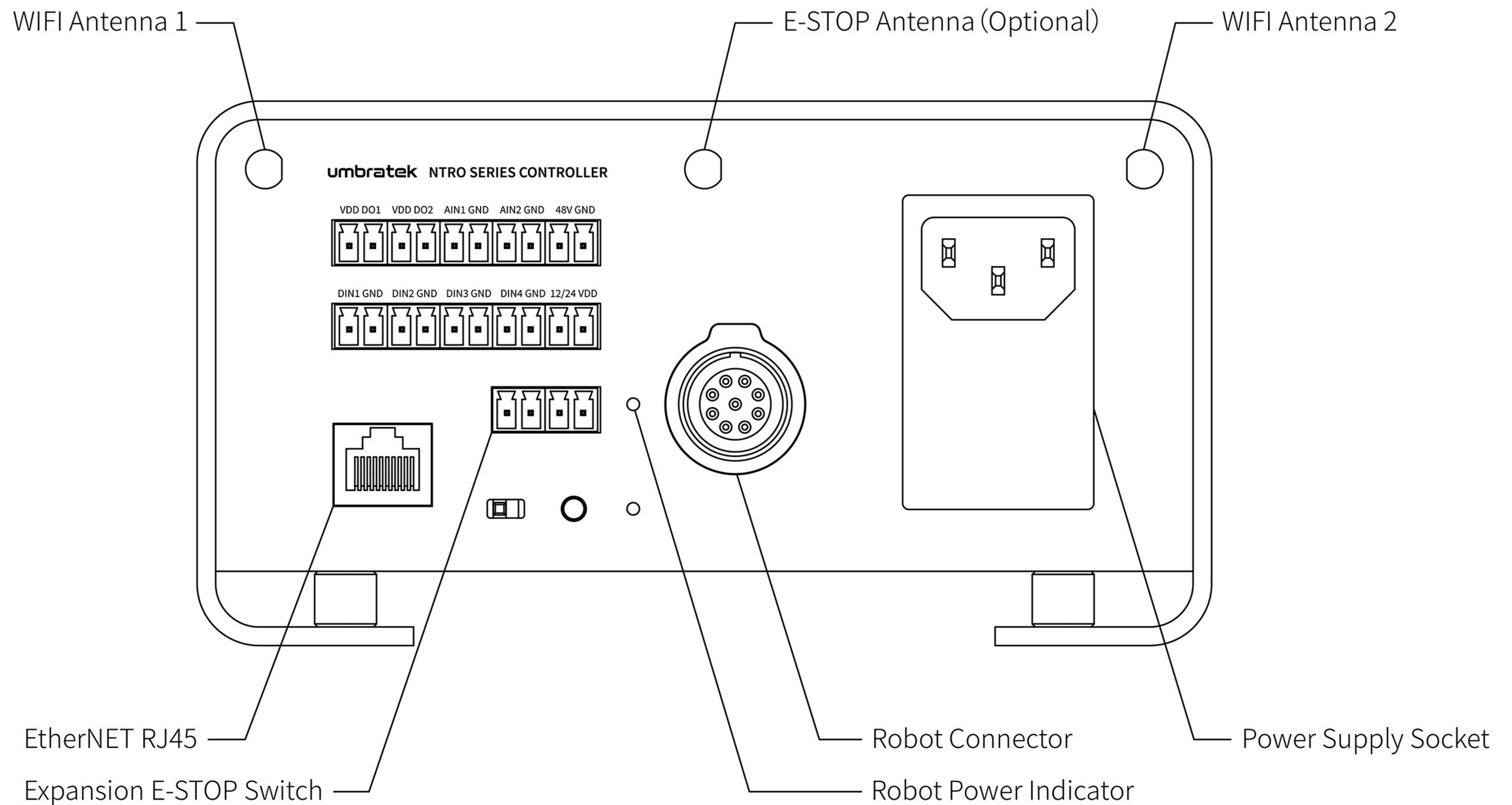


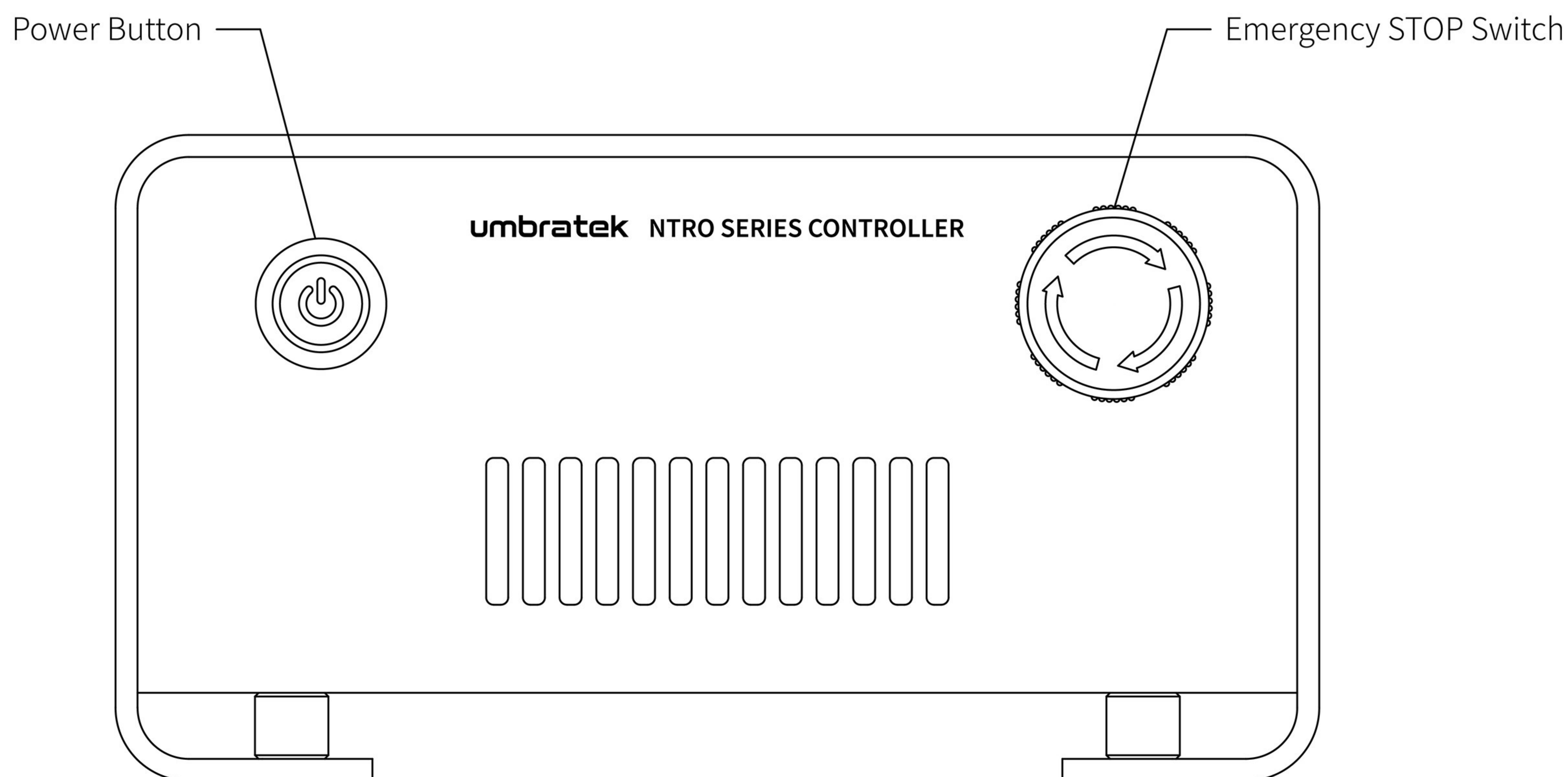
1. Mount the robot on a sturdy metal surface. The reliability of non-metallic countertops should be evaluated.





Hardware Configuration

1. Remove the antenna dust-proof cap at the top-right and top-left corner on the panel to assemble two WIFI antennas. The antenna locating at the mid is for wireless E-stop (optional).
2. Connect the external extension emergency stop switch, or use the plug to short it (Included within the package).
3. Connect the manipulator to the Robot Connector.
4. Connect the power cable to the power socket.
5. Connect to PC through network cable or WIFI.



Boot Process

1. Press the power button once and wait for about 25 seconds. During the waiting process, the indicator is in fast breathing state (1s cycle).
2. After complete startup, the indicator enters to slow breathing state (3s cycle).
If the indicator enters to error state(0.3s cycle), check whether the emergency stop switch is triggered and whether the cable connection is abnormal.
3. Connect to PC.
Wired - The PC must be configured to automatically obtain an IP address.
Wireless - Use PC or Pad to Connect the SSID of NTRO_XXX,
The default password is 12345678.
4. Open the browser and enter the IP address to access the Umbratek Studio
(the address is printed on the label on the interface panel of the controller).
5. Click connect in Umbratek Studio to enter the interactive interface of the manipulator.