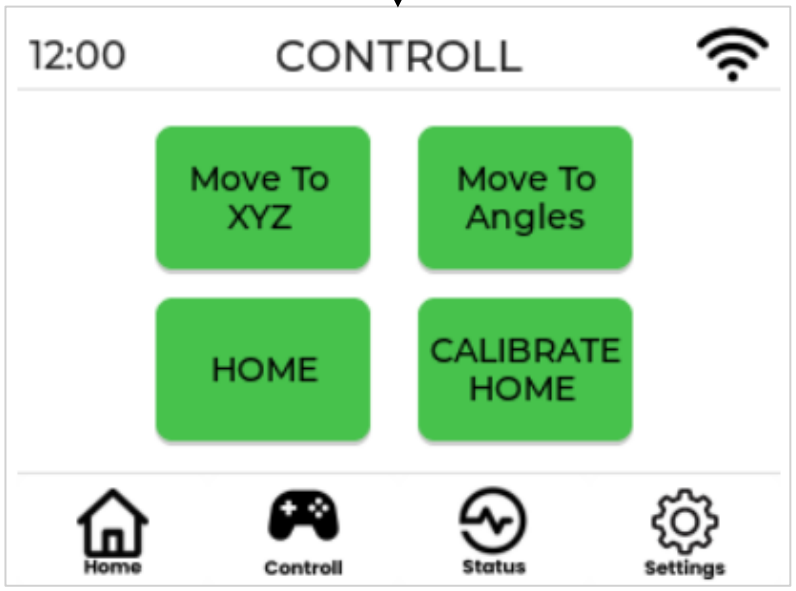
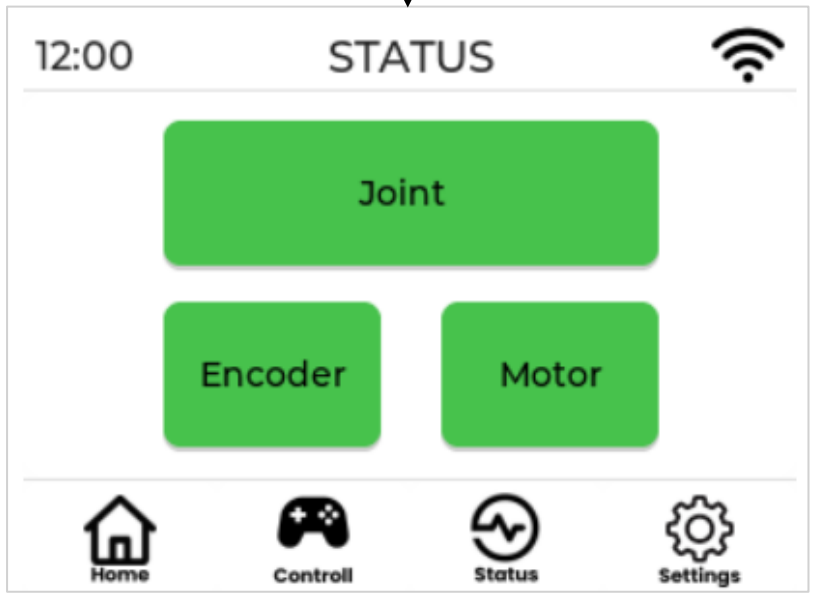
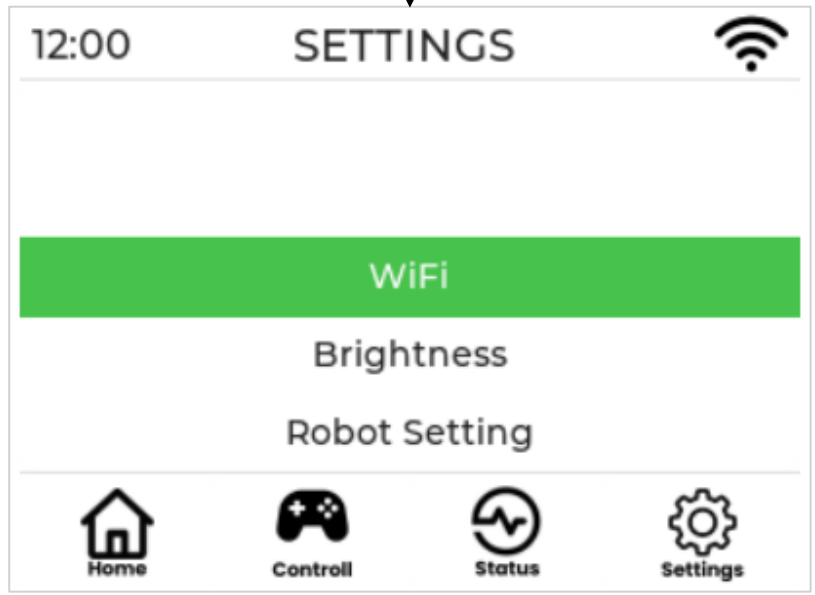

12:00
HOME
Status: Text
J1: Text J4:Text
J2:Text J5:Text
J3:Text J6:Text
STOP
Home
Controll
Status
Settings

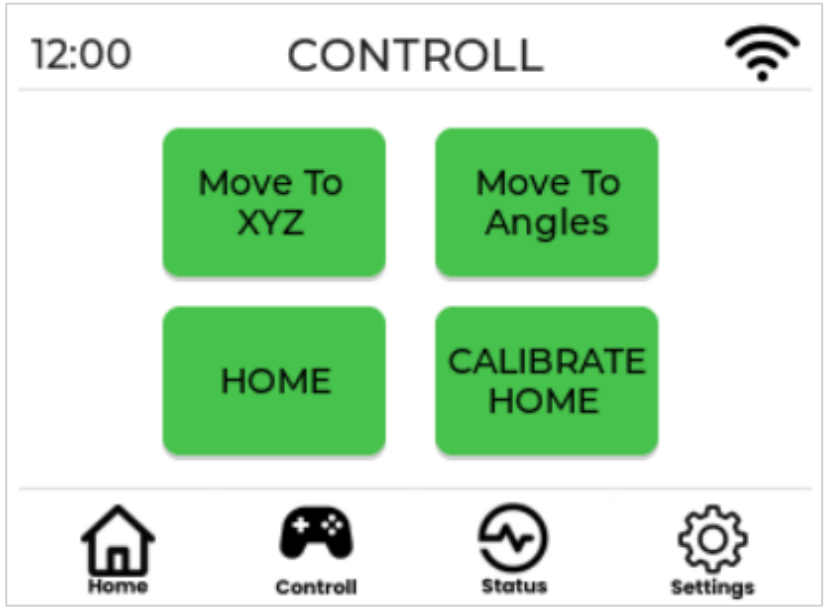

12:00
CONTROLL
Move To XYZ
Move To Angles
HOME
CALIBRATE HOME
Home
Controll
Status
Settings


12:00
STATUS
Joint
Encoder
Motor
Home
Controll
Status
Settings


12:00
SETTINGS
WiFi
Brightness
Robot Setting
Home
Controll
Status
Settings

The Home screen provides the following functions:

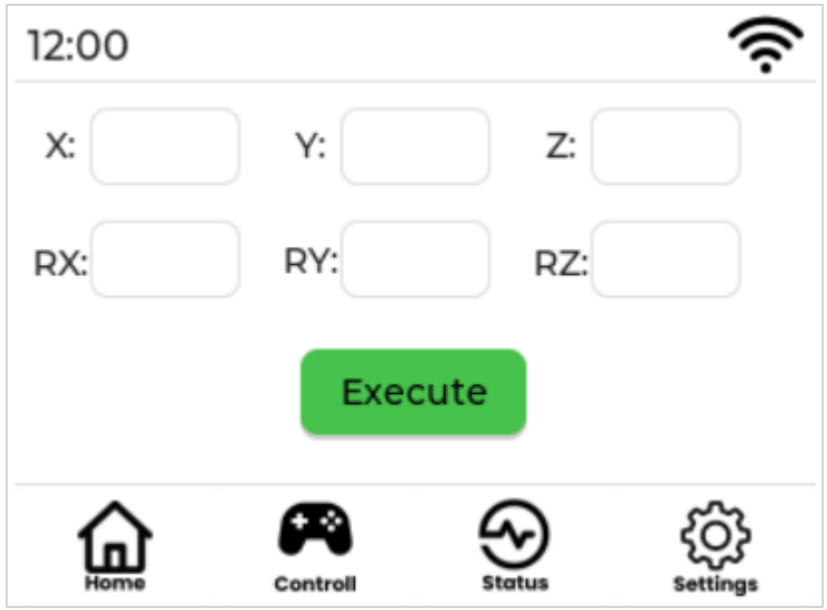
- Displays the robot's status.
- Shows the current joint angles.
- Allows the user to stop the robot.
- Enables navigation to other screens.



The Control screen provides the following functions:

- Enables the user to move the robot's end effector to a specified XYZ coordinate.
- Allows the user to adjust the robot's joints to specific angles.
- Provides an option to set the robot's home position.
- Allows the user to move the robot to its home position.

Move To XYZ



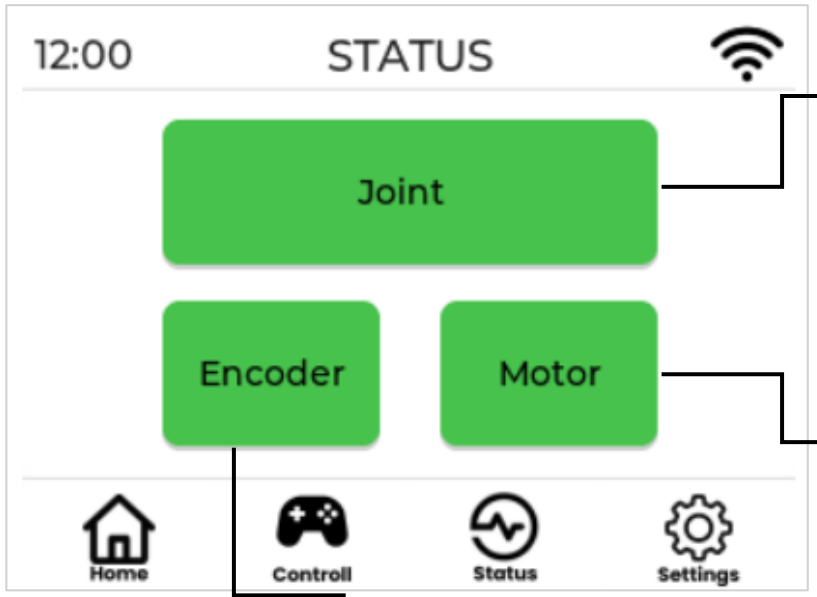
Input the desired XYZ coordinates and rotation, then press **Execute**. The robot will move to the specified position if it is within its reachable range.

Move To Angles

Input the desired joint angles, then press **Execute**. The robot will move to the specified angles if they are within the allowable joint limits.

Select the joint you want to move from the right side. Adjust the joint position, and when the arrows align, press **Calibrate** to set a new home position.

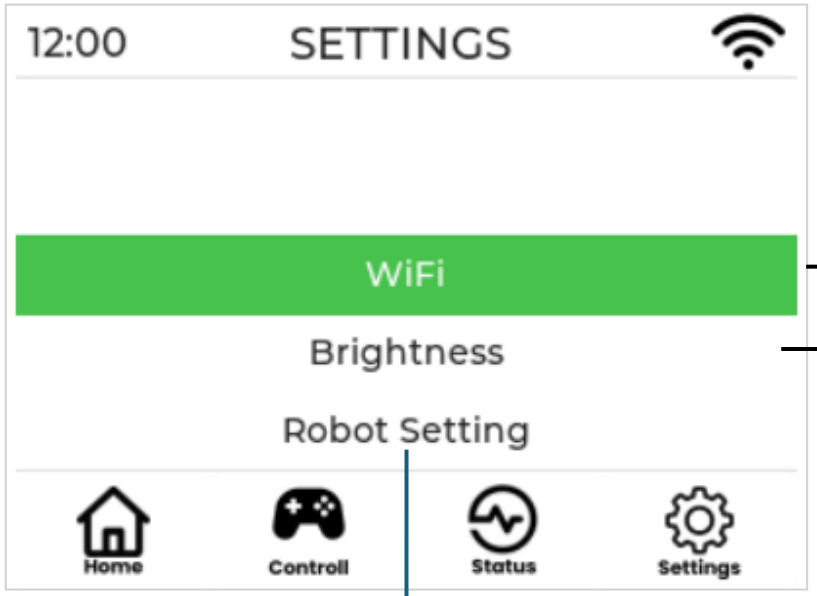
Pressing the **Home** button will command the robot to move to its home position.



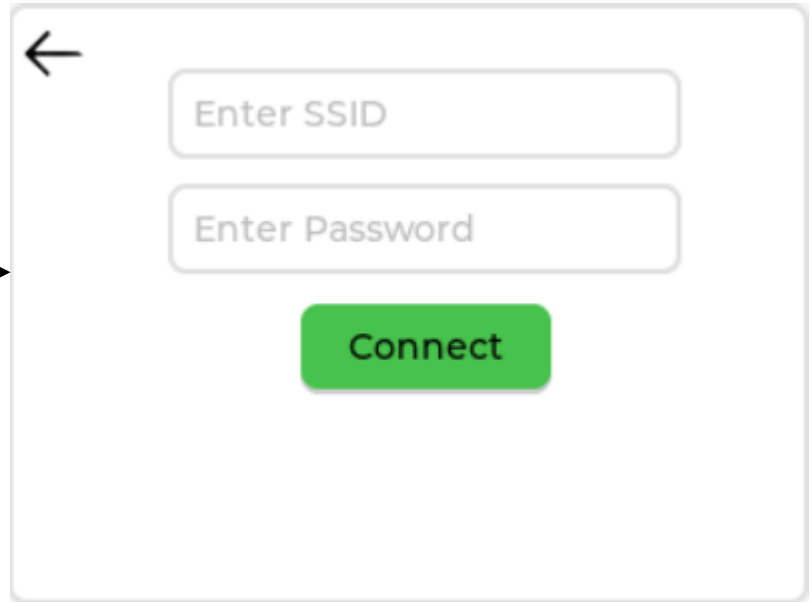
Pressing **Joint** will display joint angles, status, limits, etc.

Pressing **Motor** will display motor status, speed, acceleration, etc.

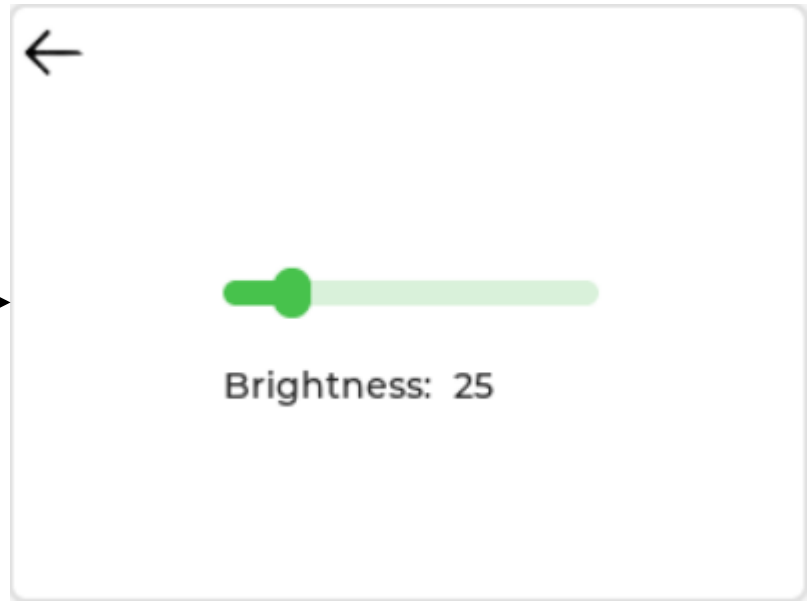
Pressing **Encoder** will display the encoder status, joint angles read from the encoder, etc.



In the **Robot Settings**, users can adjust the robot's speed, acceleration and deceleration.



Here, you can connect the robot to WiFi, enabling remote control and access to the robot's status.



Here, you can adjust the touch screen brightness using the slider.