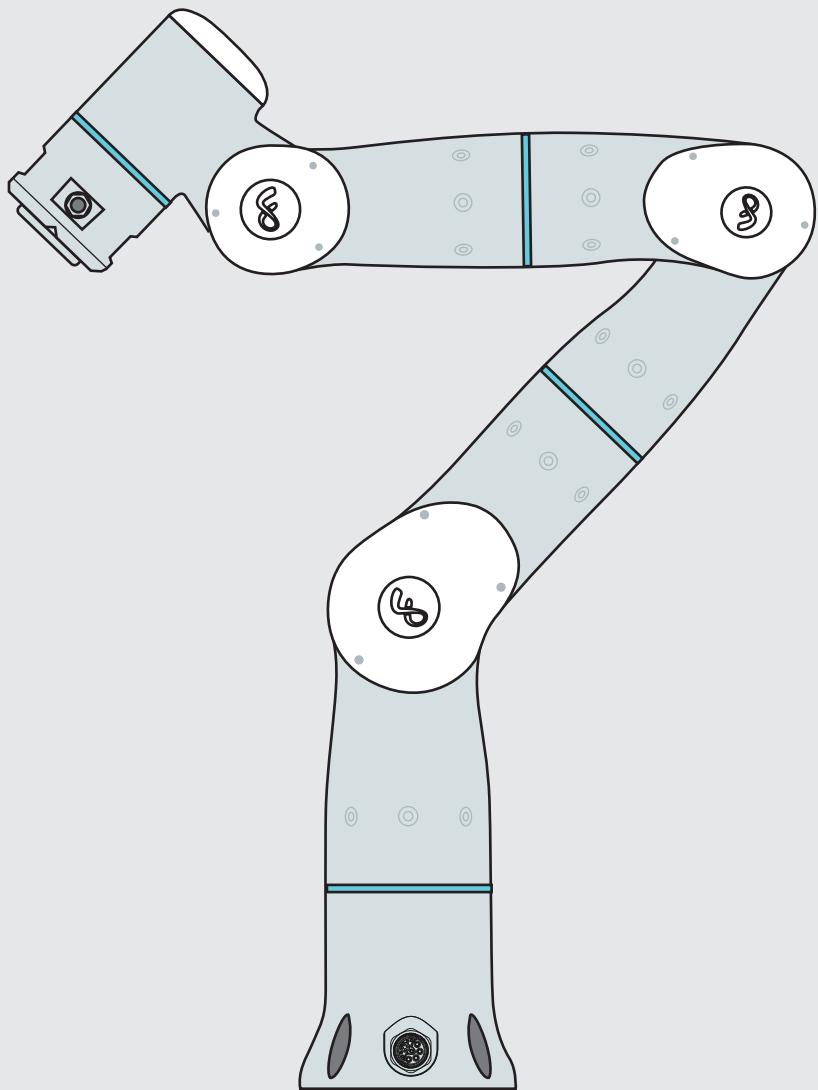




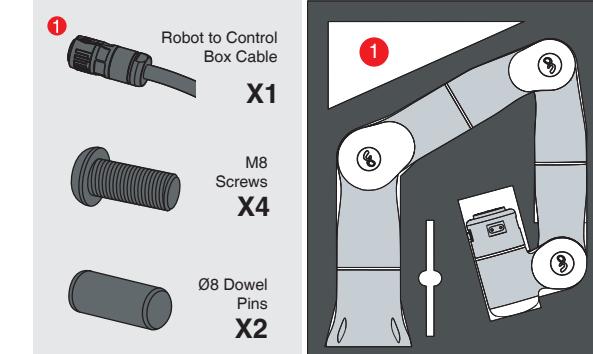
Flexiv Rizon Quick Start Guide



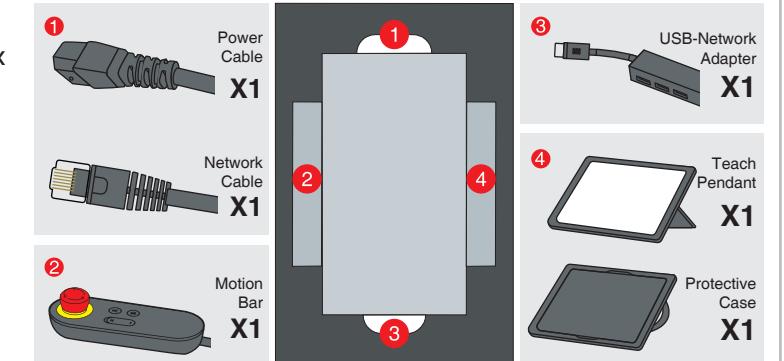
Thank you for choosing Flexiv. This document serves as a step-by-step guide to help you quickly install the Rizon adaptive robot and test-run your first program on the Flexiv Elements software. For more detailed information and specific instructions, please refer to the user manuals.

What's in the package

Rizon Robot



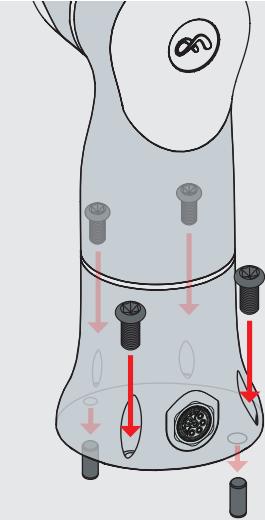
Hesper Control Box



Hardware setup

01 Mounting

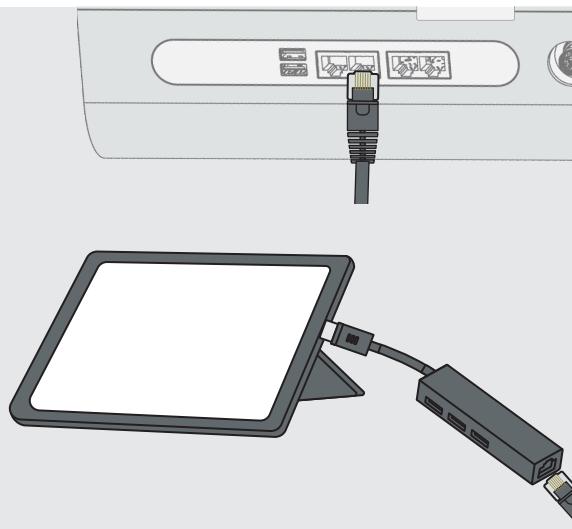
Mount the robot stably on a sturdy surface with the 4x **M8 Screws** provided in the package. For precise mounting, use the 2x **Ø8 Dowel Pins** in addition to the screws



03 Connecting the Teach Pendant

(Option 1)

A wired connection can be established using the [adapter](#)



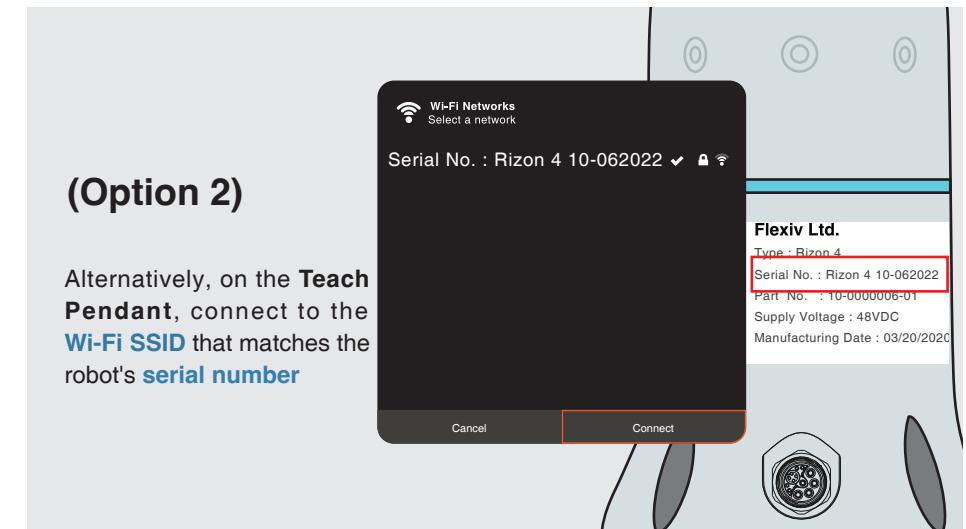
Connect the **AC Power Cable** to a 100-240VAC power socket

Connect the **Robot** to the **Control Box**

Connect the **Motion Bar** to the **Control Box**

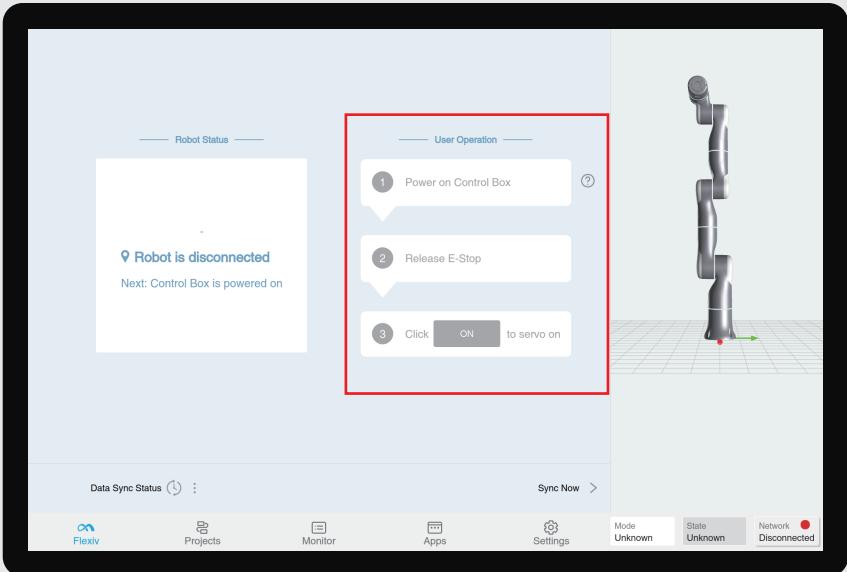
CAUTION: Make sure all cables are tightly connected, so as to avoid affecting the normal operation of the robot

02 Cabling



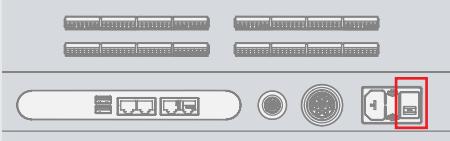
Operate the robot

01 In the Flexiv tab, under **User Operation**, you will be guided on how to power on the robot



1 Power On Control Box

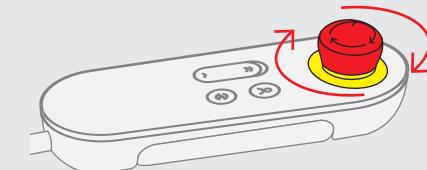
1.1 Turn on the power switch on the Control Box, then the light strip on the Control Box will turn blue to indicate the power is on



2 Release E-Stop

1.2 Release **E-Stop** on the Motion Bar

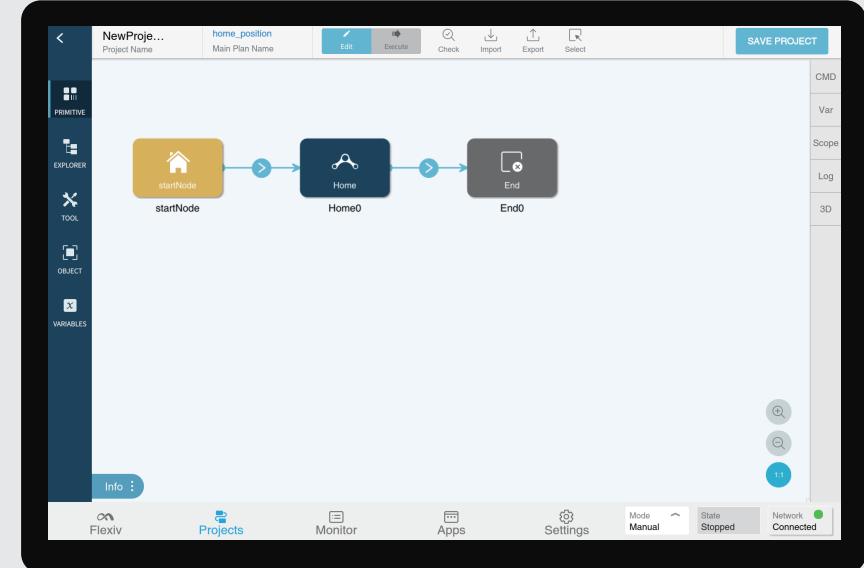
After the Control Box is powered on, the "Power On Control Box" text on **Flexiv Elements** will turn blue to indicate the **E-Stop** button on the Motion Bar can be released



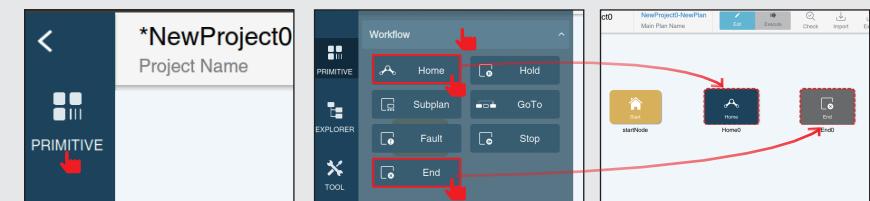
3 Click ON to Servo on

1.3 Click **ON** to servo on the robot, then the robot will make clicking sounds to indicate the joint brakes are released

02 With the robot powered on, you are ready to start your first program. In the Projects tab, edit the "**home_position**" plan



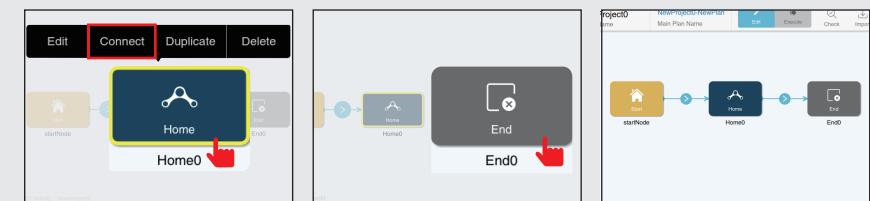
2.1 Drag out Home and End from the PRIMITIVE list:



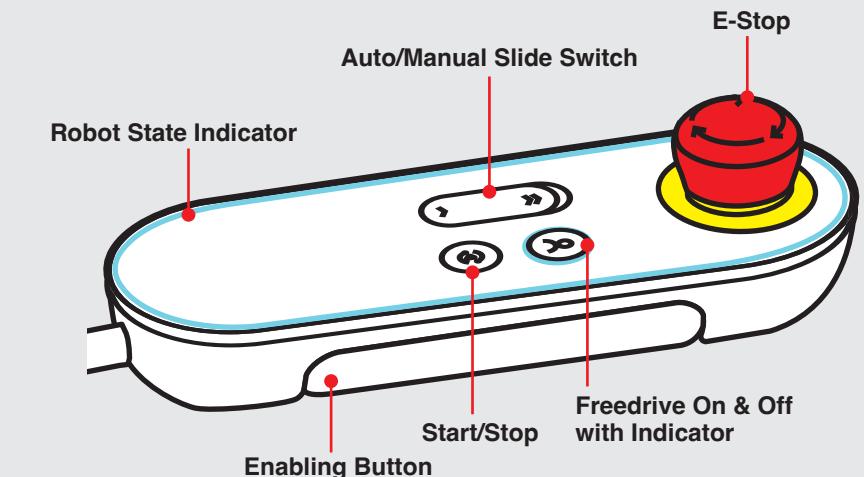
2.2 Connect startNode and Home:



2.3 Connect Home and End:



03 Once you are done editing the "**home_position**" plan, you can switch from **Edit** to **Execute** on Flexiv Elements to run the plan



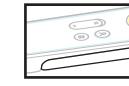
3.1 Make sure the slide switch is on Manual Mode (lower position) on the **Motion Bar**



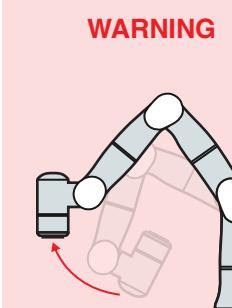
3.2 Click **ASSIGN PROJECT** on **Flexiv Elements**



3.3 Press and hold the **Enabling Button**



3.4 Press **Execute** on the **Motion Bar** and the robot will move to the home position along the trajectory



Make sure the robot can safely perform the movement along the trajectory without colliding with any obstacles

Congratulations!

You have successfully executed your first project with Flexiv Elements to control the robot with ease!