

Control software

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Draft content: measurements and settings will be updated as they are verified on the arm.

Reachbotics Studio is a desktop app for Windows. Kinematics and motion control run on the PC; the robot works without internet, which is only used for updates. The software is introduced on its [product page](#) and is not on sale yet. Buyers receive updates free of charge.

The interface is currently in Turkish. The button names below are written as they appear in the app, followed by their meaning in English.

Installation

1. **Run the installer.** ReachboticsStudio-<version>-setup.exe · Windows 10/11, 64-bit. No administrator rights, Python or other software required.
2. **Open the app.** Reachbotics Studio opens in its own window; your settings are stored on your computer.
3. **Connect to the robot.** Plug the control board in via USB, open the **Sürücü** (Driver) panel in the top bar, choose the port and press **Bağlan** (Connect).
4. **Update the firmware.** If the firmware on the board is out of date, the app warns you; install it with one click from the **Firmware** section of the connection panel.
5. **Home the arm.** Move the arm to the green park pose shown on screen and press **Parkı onayla** (Confirm park); motion commands are enabled after that.

Updates: App and firmware updates are installed from within the app after their digital signature is verified; files with an invalid signature are rejected.