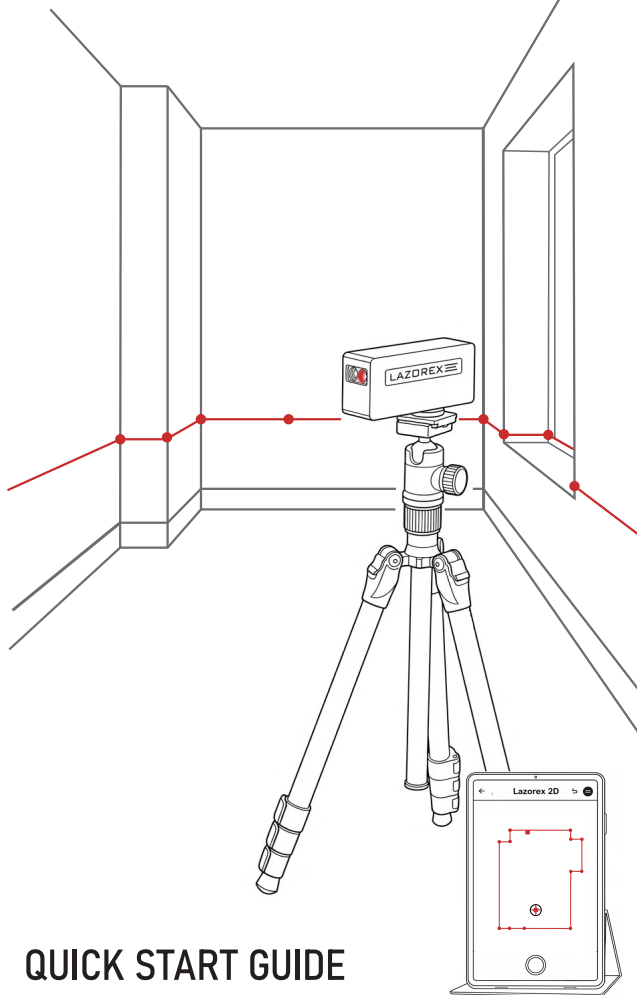


LAZOREX 



QUICK START GUIDE

Lazorex MR101-2D

v1.0 · 2026

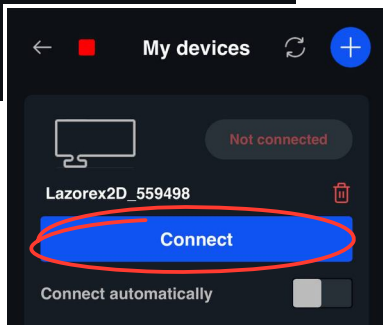
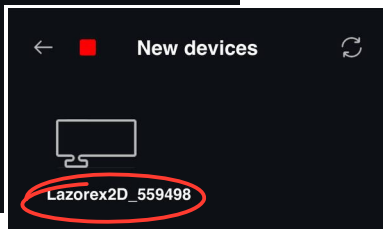
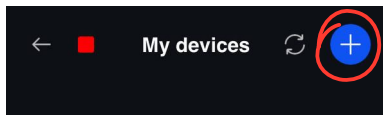
1. Initial Registration

Performed only when connecting the device for the first time.

An Internet connection is required for the initial registration.

1. Install **Lazorex App** from the App Store / Google Play.
2. Turn on the **Lazorex** device.
3. In your phone's **Bluetooth** settings, allow access to **Location Services**.
4. Open the **Lazorex App**.
5. Tap **☰** and open the **Menu**.
6. Select **My Devices**.
7. Tap **Add +**.
8. In the **My Devices** window, select the **serial number** of your device.
9. Follow the on-screen instructions and connect the device.
10. After registration, the device will appear in the device list.
11. In the **My Devices** window, select the required device and tap **Connect**.
12. If desired, enable the **Connect automatically** option.

After this, the device will connect automatically when the application starts.



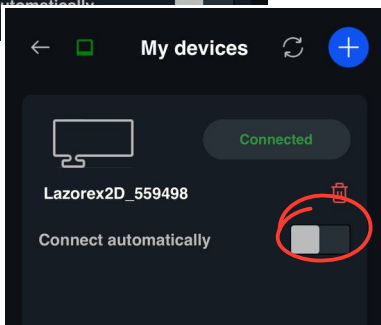
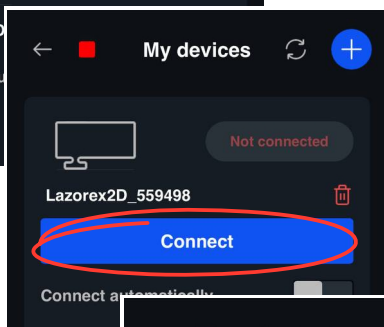
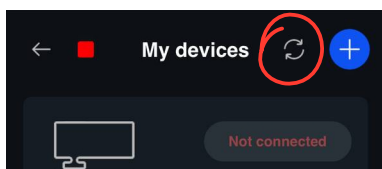
2. Connecting the Device (after initial registration)

Communication with the device is performed via Bluetooth.

1. Turn on the **Lazorex** device.
2. Enable Bluetooth on your phone and allow access to Location Services.
3. Open the Lazorex App.

Manual connection

4. Tap  and open the **Menu**.
 5. Select **My Devices**.
 6. Tap Refresh 
 7. Select your device and tap **Connect**.
- ✓ The device is connected and ready for operation.



Automatic Connection

If the Connect automatically option is enabled, the device will connect automatically when the application starts.

3. Measurement

1. Mount the device on a tripod.
2. Make sure the device is level and stable.
3. Aim the laser at the **first point** and press **Measure**.
4. Sequentially aim the laser beam at the points to be measured and press Measure.
5. The drawing is generated **automatically**.

 Any looseness or movement of the device reduces measurement accuracy.



4. Export

1. Tap Drawing Menu.
2. Select Export Drawing.
3. Choose the file format and specify the file name.
4. Send the file using any convenient method.

Tips for Maximum Accuracy

- Ensure that the laser has a clear line of sight to all measured points at the selected height.
- Furniture, step ladders and people must not block the laser beam.
- Measurement accuracy depends on the horizontal positioning of the device — check the level before starting.
- Do not move the device until the contour measurement is completed.
- If the device has shifted, repeat the measurements.
- The surface affects measurement accuracy. Matte white surfaces are optimal.
- For glossy, glass or metal surfaces, use a target plate or white masking tape.
- Keep the lenses clean.

Laser Safety

- Class 2 laser.

 Do not direct the laser beam into the eyes of people or animals, or at light-sensitive sensors of optical devices.

Power and Charging

The device is equipped with a built-in lithium-ion battery and is charged via a USB Type-C connector.

Main specifications

- Supply voltage: 5 V
- Charging current: up to 1 A
- Fast charging is not allowed
- Full charging time: approximately 5 hours
- Battery operating time: up to 10 hours
- Store the device in a charged state

 Using chargers with higher voltage may damage the device.

Main Interface Elements



Main Menu

Access to settings, devices, projects, and export options



Refresh

Re-scan for devices / update device list



Actions

Create, view, and delete projects and drawings



Undo

Cancel the last action.



Back

Return to the previous screen.



Measure

Perform a measurement and record coordinates.



Drawing Menu

Tools and actions available in drawing mode



Add

Add a new project, drawing, or device



Device Position on Drawing

Displays the device position and the laser beam direction.

Device Status

Displays connection status and battery level.

Tap to open the device connection window



Not Connected

Device is turned off or no Bluetooth connection



Connected

Device is connected and ready for operation;
battery level is displayed

Help and Support

Short video tutorials, manuals:

www.lazorex.com/support