BT ELEVATOR
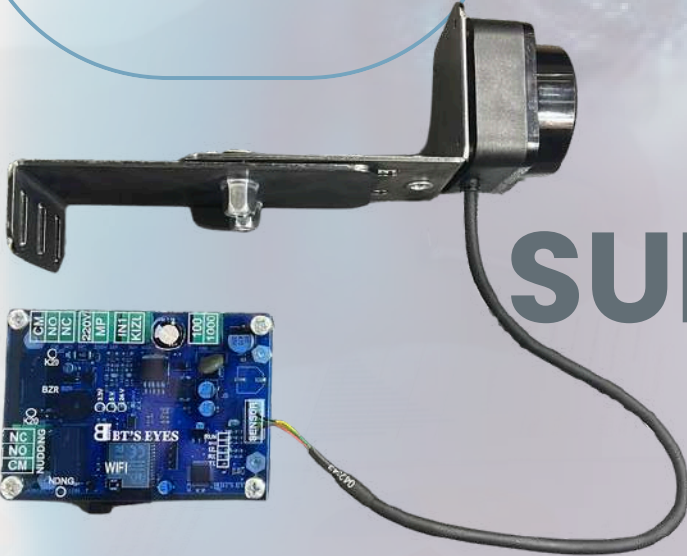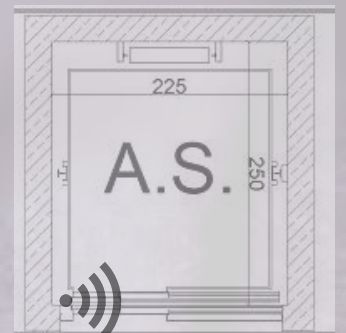
• made in Türkiye.

BT'S EYES

SUPERIOR PERFORMANCE
EASY INSTALLATION

Frequent problems in existing technologies in the elevator industry, especially in photocell systems, have pushed us to search for new solutions. BT's EYES, our new generation sensor that we developed based on these needs, redefines the standard of safety and efficiency in elevators.

BT's EYES USER MANUAL

225

A.S.

250

BT's EYES PRODUCT FEATURES

- **Single Point Scanning:** BT's Eyes scans the entire area from a single point. It provides ease of installation as it does not require a sensor in front of it.

- **Response in Milliseconds:** Provides maximum security and performance thanks to its fast detection ability.

- **Easy Installation:** Saves time with its practical mounting system.

- **High Performance:** With its sensitive detection technology, it is long-lasting and resistant to elevator shaft conditions.

- **Compliant with 81-20 Standards:** Meets industry requirements with full compliance with international security standards.

- **Not Working When the Door is Closed:** Prevents negative signals and unnecessary energy consumption that may occur while driving.

- **Ability to Determine Scanning Area:** BT's Eyes can be connected to the card via Wi-Fi. You can specify the area to scan without internet.

- **24 Volt Operation**

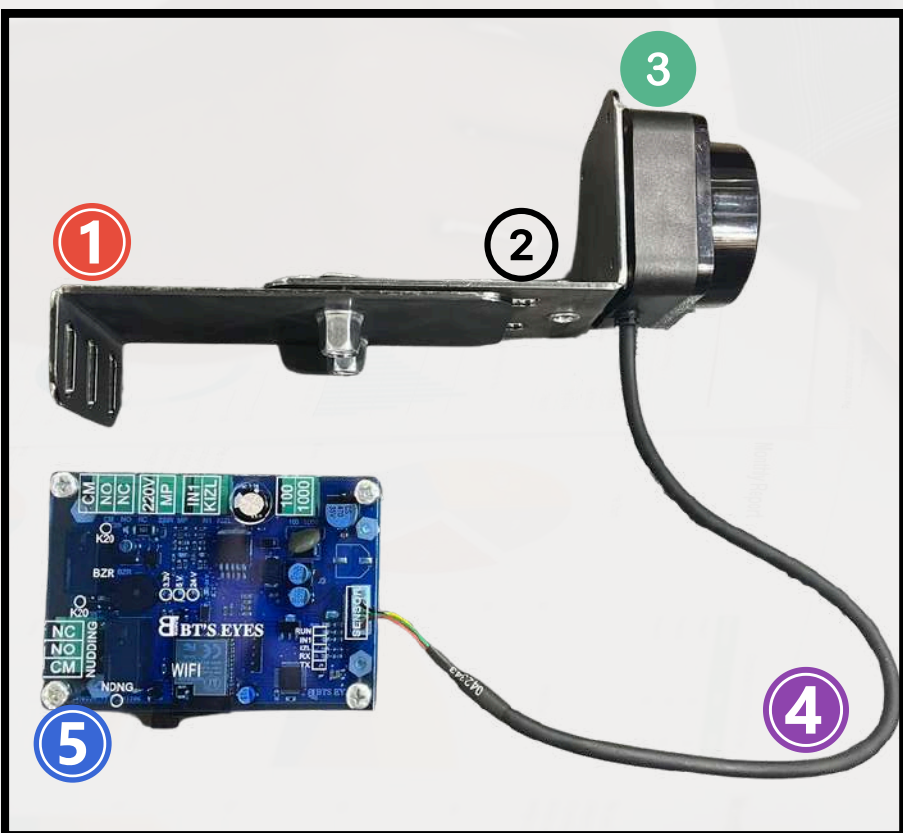- **Technical Support and 2 Year Warranty**

BT ELEVATOR

BT's EYES PRODUCT INSTALLATION

BT ELEVATOR

1 • L bracket for fixing to the cabin wall

2 • L bracket for fixing the sensor

3 • Scanner sensor

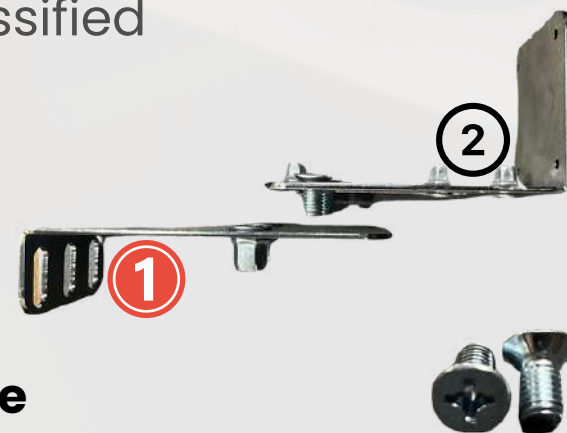**4** • Cable providing sensor and card communication

5 • BT's EYES card

You can easily assemble the parts, which we have classified according to color and number, as explained below.

Fix the L bracket number ① to the door closing side cabin wall.

Assemble the L apparatus numbered ① and ② with the screws we sent you.
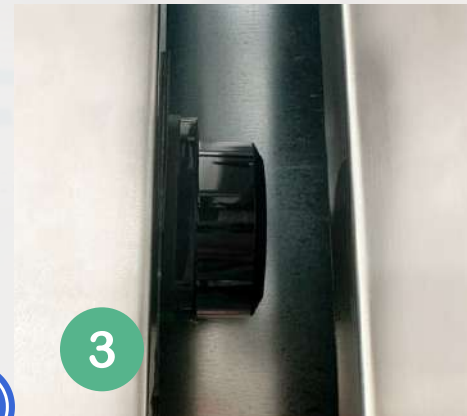
3

Fix sensor number (3) **to L apparatus number** (2)

(1)
(2)
(3)

Show the gap between the inner door and the outer door on the round scanning part of the sensor number (3) **. (Although it is parallel to the cabin space) pay attention.)**

(3)

Insert cable number (4) **into the socket port of card number** (5)**, with the tabs on the inside of the card.**

Cable to card number (5) **according to the nicknames on page 5 make connections.**

(5)
(4)

Sensor scanning degree arrow direction will start at 0° It can perform complete scanning between 0°–360° clockwise.
Elevator door closing side the angle that our mounted sensor will scan It will take 0° as reference when determining and scan it in the elevator.
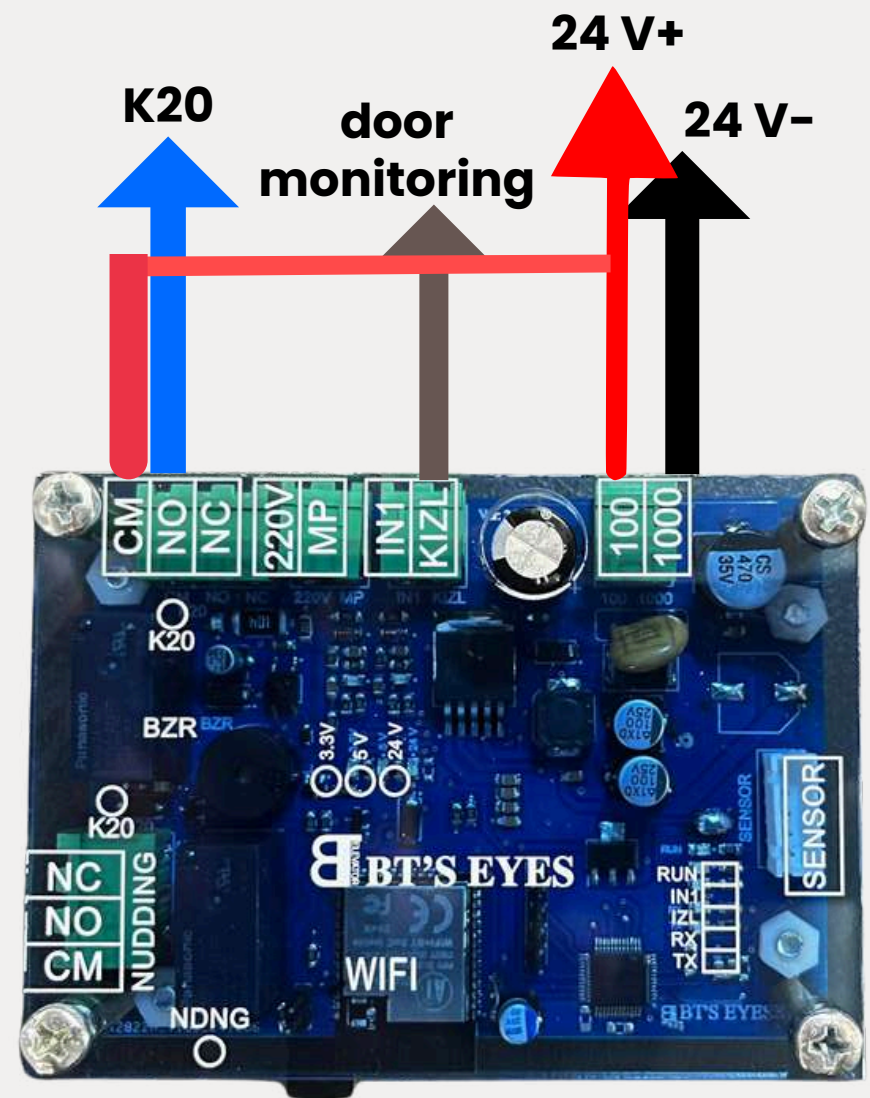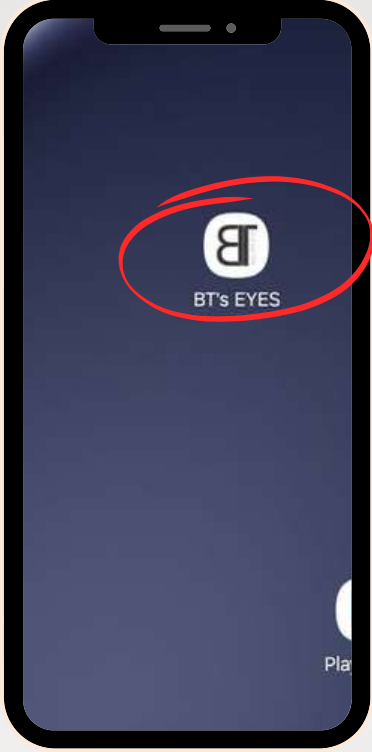**determine the angle.**

BT ELEVATOR

- **CM**

  K-20 Relay output
- **NO**

- **NC**

- **100** 24 V+

- **1000** 24 V-

- **IN1** Programmable Input

- **KIZL** Door monitoring (Common 100)

- **220V** Door Contact Monitoring with 220 V in Elevators Without Door Monitoring

- **MP** Lock Circuit Neutral Input

NUDDING
- **NC**

  Nudding Relay output
- **NO**

- **CM**

K20

door monitoring

24 V+

24 V-

**Download the
BT's EYES application
from the BT Elevator
website to your
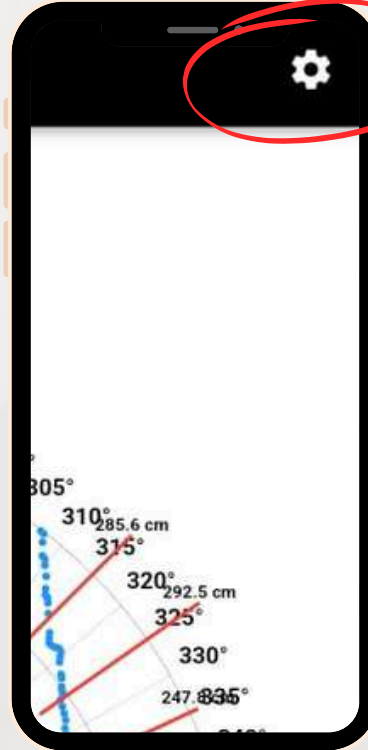Android phone.**

Turn off the phone internet.

**Remove the Door Monitoring
terminal.
(After the installation process
is completed, you can
activate the door monitoring.)**

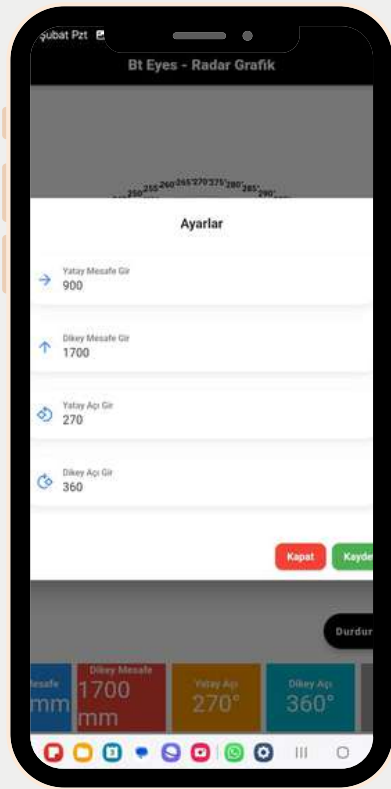**Connect to BT's EYES network.
via Wi-Fi from the phone.**

Wi-Fi password: 12345678

**Go to BT's EYES
application
and click on Start
in the bottom right
corner.**

**Click on the settings icon in
the upper right corner.**

You need to enter 4 parameters to complete the setup.

1-Horizontal distance

2-Vertical distance

3-Horizontal angle

4-Vertical angle

First, determine the angles of the sensor so that it scans the elevator door from where you mount the sensor.

FOR EXAMPLE:

In the example, when we look at the elevator, the sensor is installed on the lower right side of the elevator.
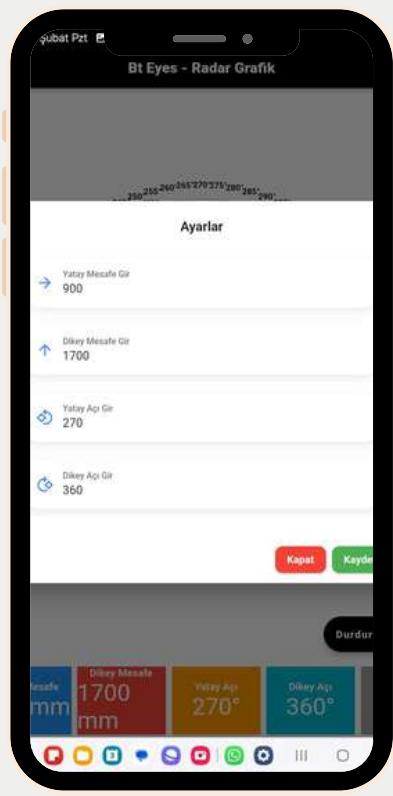
Our Sensor Arrow is pointing up.

We determine the angle at which the sensor will scan the elevator in a clockwise direction, assuming the sensor arrow direction is 0 degrees.

As in the picture on the right, the angles we will apply are 270°-360° degrees.

0°
360°

270°

90°

180°
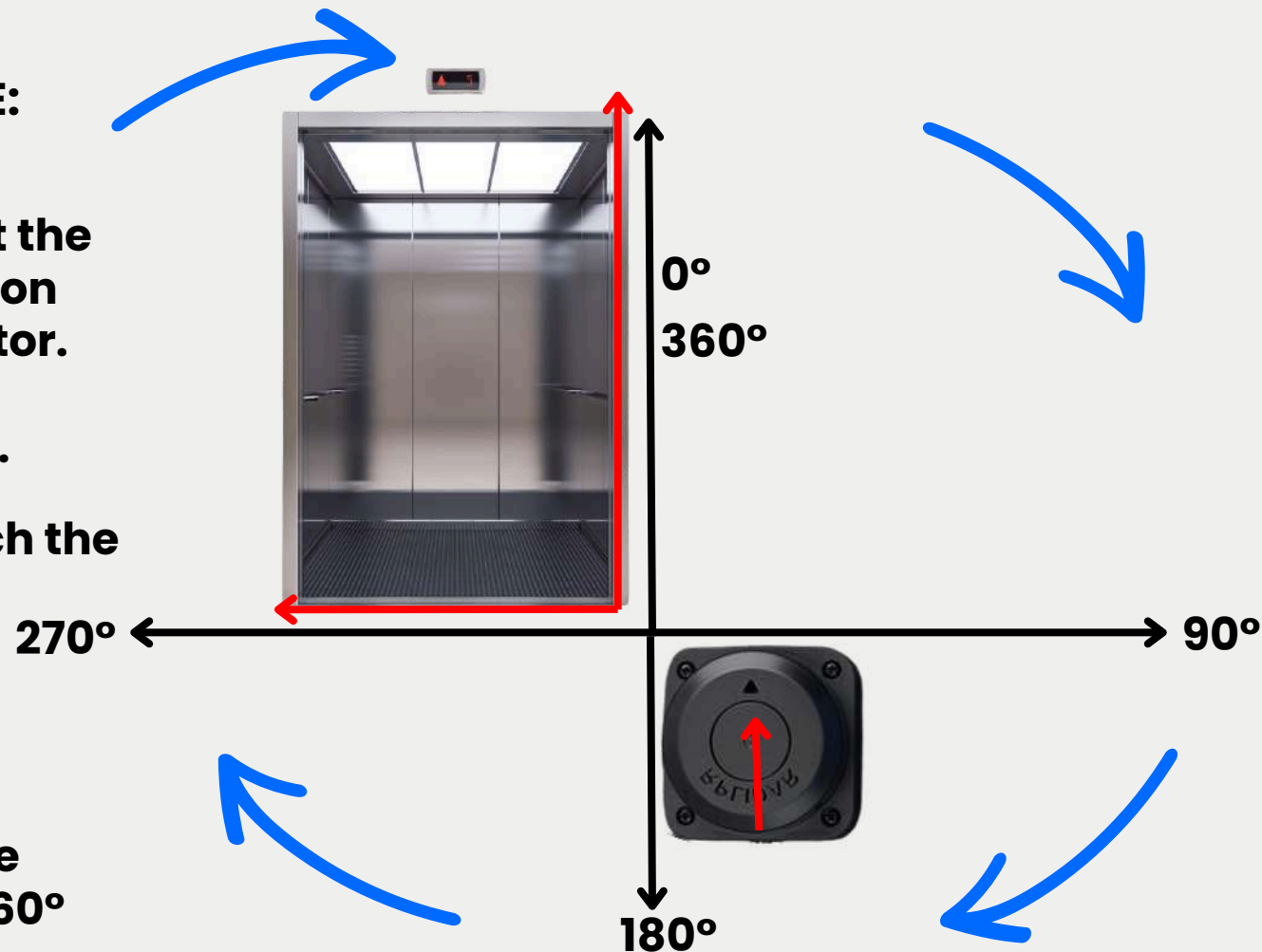
Enter the smaller angle as the horizontal angle and the larger angle as the vertical angle.

***Horizontal distance (Small angle distance)**
***Vertical distance (Large angle distance)**

parameters:

First, enter the parameter that corresponds to the height (horizontal-vertical distance) of the end of the spoon that the sensor will scan in the elevator.

For example: Vertical Distance 1800

Secondly, enter the parameter that corresponds to the horizontal distance (horizontal-vertical distance) that the sensor will scan in the elevator as half of the actual measurement.

For example: Horizontal Distance 450

1800

450

900

After entering the 4 parameters, click the green Save settings button at the bottom right.
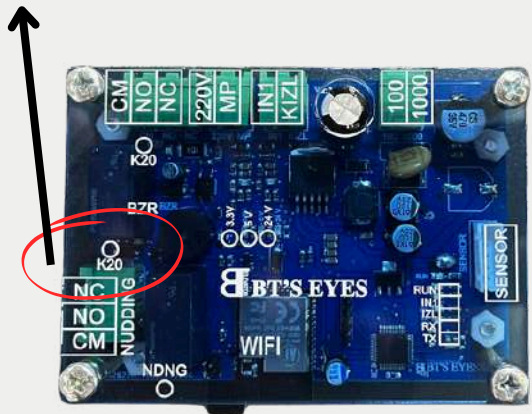
K20 Led

When the K20 LED on the card lights up, it means that the sensor sees an obstacle in the entered dimensions. Make your precise assembly adjustment until the K20 LED turns off. Tighten your L apparatus where the K20 turns off.

Enter the actual measurement into our horizontal distance, which we entered as half of the actual measurement.

Make your precise assembly adjustment until the K20 LED goes out. Tighten your L apparatus where the K20 goes out.

Open and close the elevator door. The K20 LED should not light up during opening and closing. If it does, make precise adjustments with the device where it sees the door.

You can change the Wi-Fi name and password by clicking the Wi-Fi icon in the upper right corner.

Horizontal distance-Vertical distance parameters are in mm. Enter the measurement by adding one zero to the right of cm. For example, 1800mm-180 cm

In panels with a common terminal of 1000, a shunt should be made from 1000 to CM.

youtube/BTELEVATOR

FOR INSTALLATION VIDEO

BT's EYES OUR PRODUCTS

BT ELEVATOR

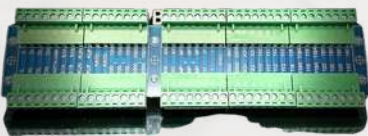**BT MR PANEL**

BT MRL PANEL

BT DRİVER

BT CONTROL BOARD

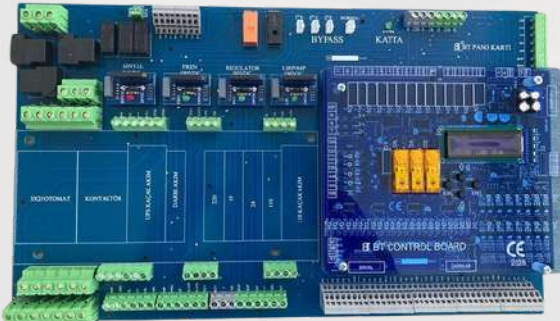**BT ECO CARD**

BT SERİAL CARD

BT TERMİNAL CARD

BT DİODE CARD

BT BATTERY CHARGE CARD

BT PANEL CARD

BT's EYES COMMUNICATION

BT ELEVATOR

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