Access Control User Manual

Abstract

The device is responsible for controlling electric access doors via Wi-Fi communication with integration of Letuno LiFi solution to be able to autonomously open the access door when the intended user passes all the verification layers of the application.

Wiring

Through this section we are going to illustrate how to properly connect the access control board safely.

Step1:

Connect two wires to the door side of the access control board as shown in the below Figure-1

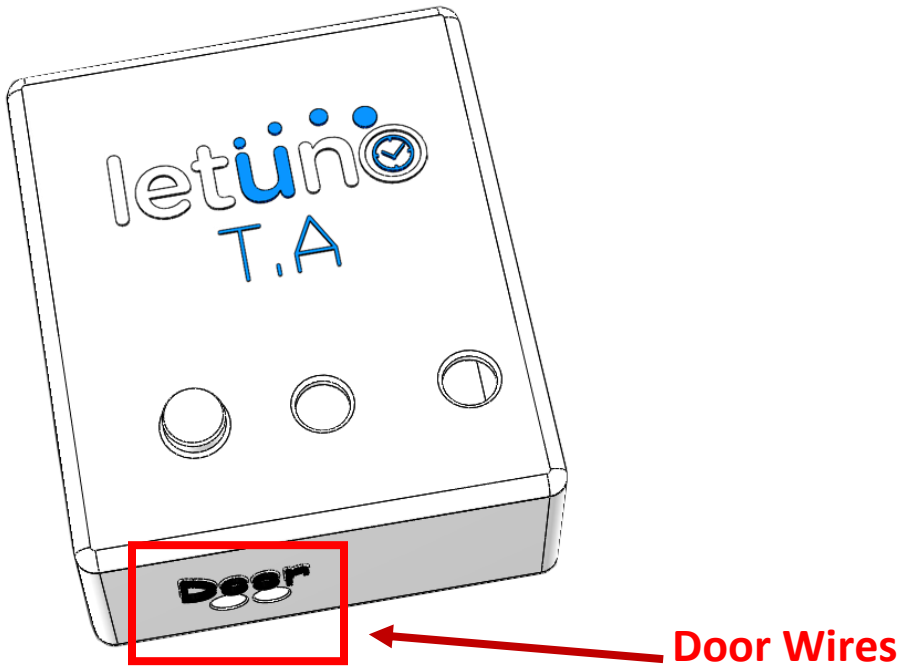

Figure 1- Connecting Door Side

Step2:

Connect the other terminals of the door wire that was just connected in step-1 to the terminals of the door opening push button.

➢ Step3:

Connect two wires to the AC side of the access control board as shown below in Figure-2

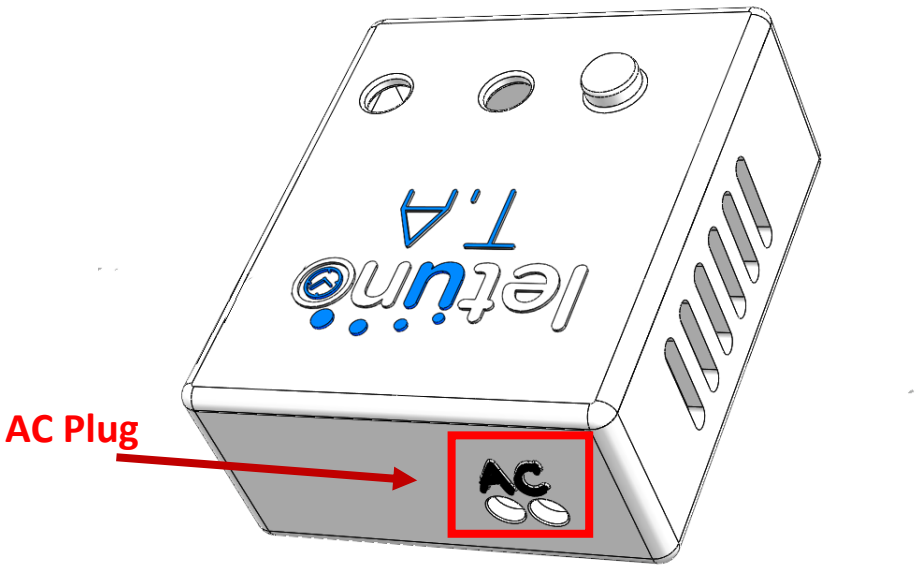

Figure 2-Connecting the AC side

➢ Step4:

Connect the other wire of the AC cable connected above in step-3 to a 220 V AC plug.

• Configuration

Through this section we are going to discuss how to connect the Access control board to your Wi-Fi network

➢ Step1:

Check the bottom of the provided board to get the MAC address and the credentials of the board as shown in the below Figure-3

You will find the following data:

- Wi-Fi SSID
- Wi-Fi Key (Wi-Fi password)
- MAC Address of the Board

Figure 3-Access Control Label

➢ Step-2

Connect the access control hotspot with the provided SSID and password.

Please note that the device is only compatible with 2.4 GHz Wi-Fi system.

➢ Step-3

After connecting to the access control hotspot, it will open a Web page automatically as shown in the below Figure-4.

Figure 4- Wi-Fi Manager Page

➢ Step-4

Click on “Configure Wi-Fi” shown in Figure-4, it will open a new page as shown below in Figure-5, and you will enter the SSID and Password of the Wi-Fi that you want the board to connect to, then click on the save button.

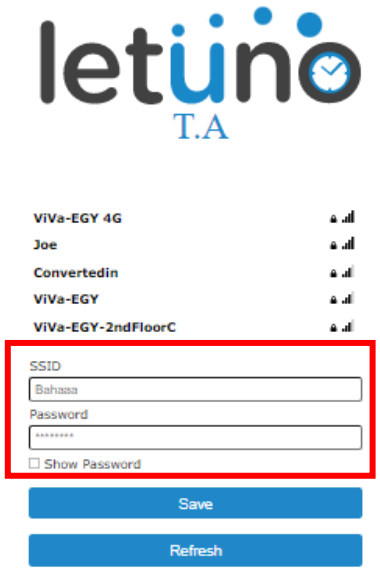

Figure 5- Configure Wi-Fi Page

➢ Step-5

After fulfilling the above steps this message will be displayed as shown below in Figure-6

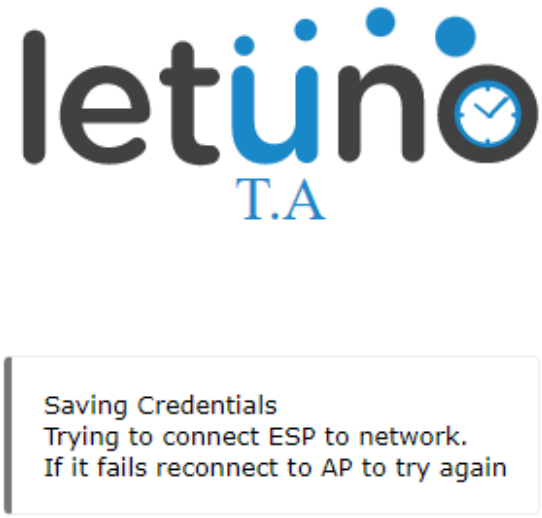

Figure 6-Saving Credentials Page

➢ Step-6

Click on the button on the left side of the board as shown in Figure-7, and you're all set.

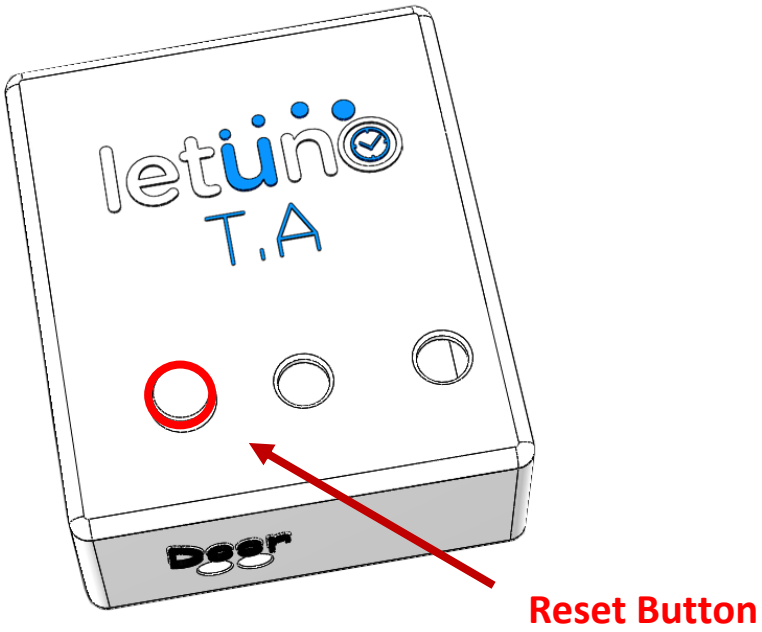

Figure 7- Reset Button

The connection LED below the button as shown in Figure-8 will blink and the board will reboot with the saved entered SSID, Password and the LED will be always-on once connected.

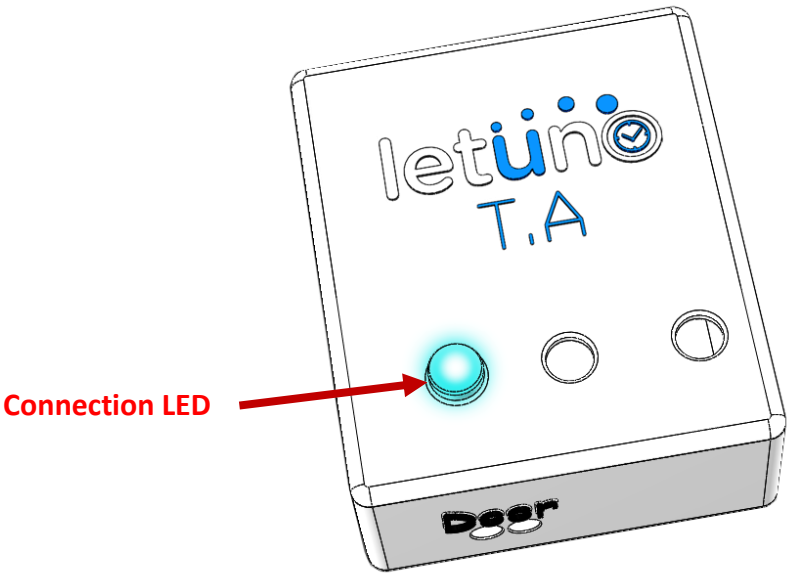

Figure 8- Connection LED

• Diagnostics

If any time you want to change the Wi-Fi that the board connects to press the button on the right side and you'll clear the data saved before of the SSID & Password, then you'll repeat all the configuration steps mentioned above.