

SecuroSmart PCB Operation Manual

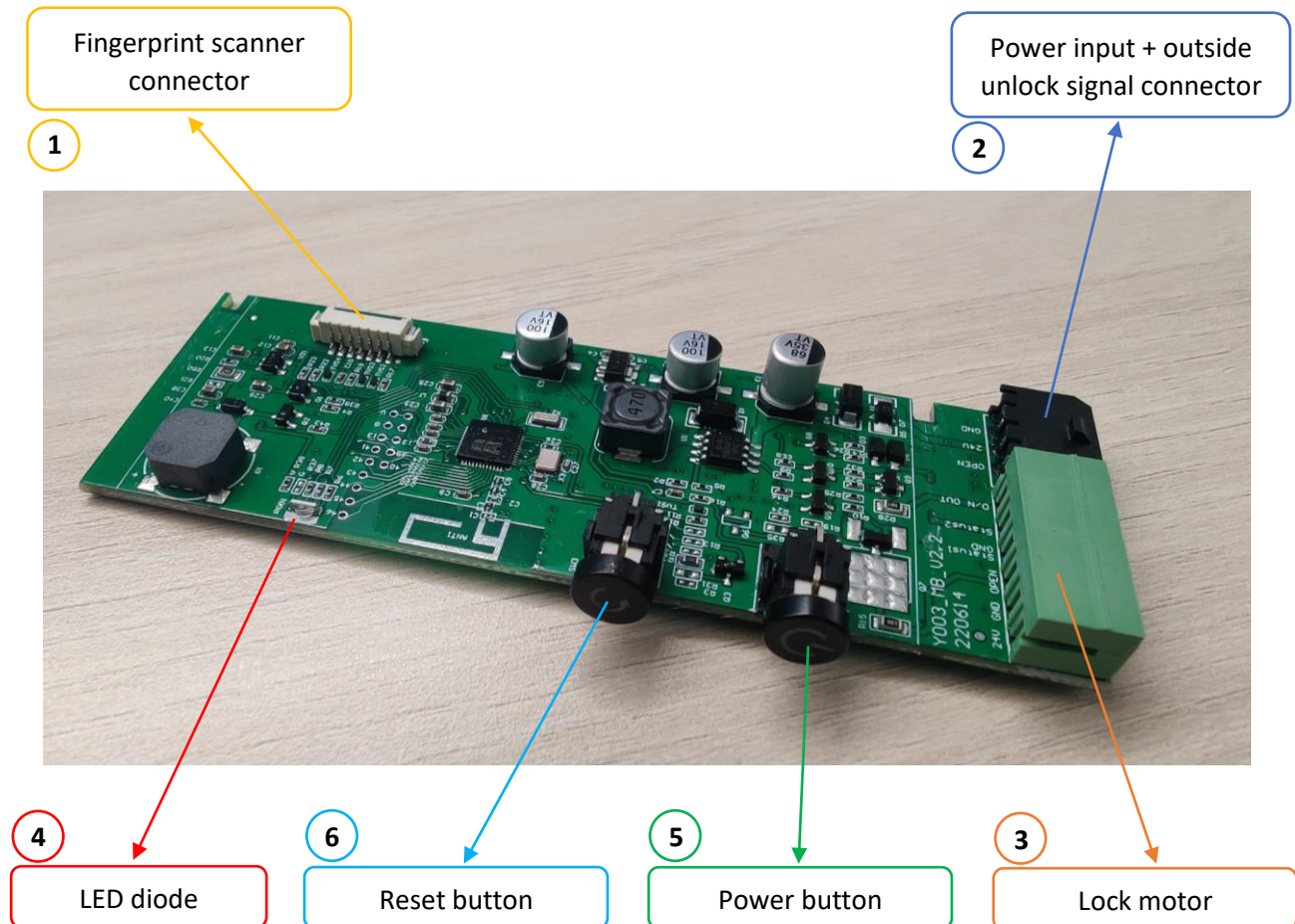
Department
Version:
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R&D
V1
16.08.2023



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PCB LAYOUT

**1. Fingerprint scanner connector**

The connector is used to connect fingerprint scanner with a cable.

2. Power input + unlock signal connector

The connector is used to provide power to the controller. It is also used to receive 3rd party 24 VDC signal on pin marked "OPEN" for unlocking the door. This signal is usually provided by intercom.

3. Lock motor connector

Connector is used to provide power to the lock motor, send unlocking signal, toggle day/night mode for the lock and to receive feedback from the lock whether the doors are closed or locked.

4. LED diode

LED diode OFF – controller has no power

LED diode RED – controller has power and no active Bluetooth connections

LED diode BLUE – controller has power and is connected to a device via Bluetooth

5. Power button

When pressed, the power to the controller is temporarily cut. Used to reboot controller in case it is frozen or not functioning properly.

6. Reset button

Reset button must be pressed and held for 5 seconds, until the fingerprint scanner starts blinking blue. If administrator registers fingerprint while the fingerprint scanner is blinking, the controller is factory reset.

Manual factory reset instructions:

1. Press and hold the reset button
2. Immediately press power button shortly
3. Release both buttons
4. Press and hold the reset button for 5 seconds
5. Release the button

If the fingerprint scanner shines **BLUE** and the LED diode on the controller is **RED**, the factory reset was successful.

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

ISED Statement

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:

- This device may not cause interference; and
- This device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
 - l'appareil ne doit pas produire de brouillage;
 - l'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Déclaration d'exposition aux rayonnements

L'appareil respecte les limites d'exposition aux rayonnements établies par la ISED pour les environnements non contrôlés.

Lors de l'installation et du fonctionnement de cet appareil, la distance minimale entre le radiateur et le corps doit être de 20 cm.