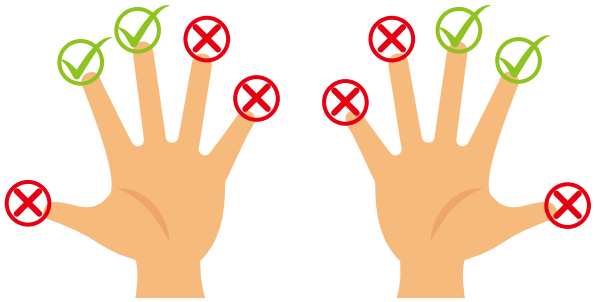
SOYAL®
ACCESS CONTROL SYSTEM

How to register a fingerprint to get a better result?

V191217

1. Suggested Fingers

- Encourage in NOT Dominant Hand to enroll fingerprint. If you are righties, please enroll your left hand; if you are lefties, please enroll your right hand.
- Avoid using thumb, ring, and pinky fingers since they are awkward to consistently position on the sensor.



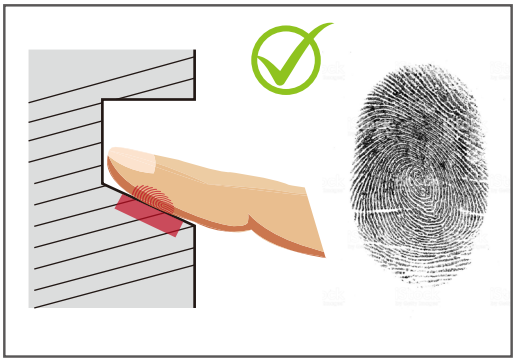
Left Hand Right Hand

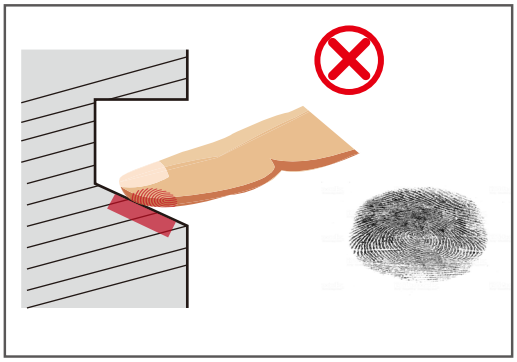
2. Guide for Using Fingerprint Sensor

The best advice is to cover the sensor area completely with finger to ensure the maximum fingerprint surface contact area.

Finger rotation should be kept to a minimum during enrollment and verification.

- A common mistake is to touch the sensor with tip of the finger.
- It is important for the user to align the center of the fingertip's whorl in the center of the sensor.





3. Enhancing the fingerprint image quality

Enhancing the fingerprint image quality SOYAL provides the well fingerprint recognition products (AR-331EF, AR-837EF, AR-881EF) which do not affected by season and finger condition. If the influence affect fingerprint image is hard to enroll, please do as below.

- If your finger is very damp, wipe your finger dry.
- If your finger is very dusty, wipe and shake the dust off your finger.
- If your finger is very dry, moisten your finger by breathing on it.

4. Recommendation for Fingerprint Enrollment

It is important that the user store a high quality image when enrolling a fingerprint, because this is the fingerprint that the user will be compared with in all the verifications afterwards.

If the users enrolled fingerprint image is of low quality, please do as below.

- Erases the fingerprint which is register and enroll the fingerprint again.
- Enroll the same fingerprint one more time.
- Try other finger in case the finger gets injury, it would be hard to enroll.

It is highly recommended to enroll the finger more than two in case you have something to carry by hand or the finger gets injury etc.