

SEQUIAM



B I O M E T R I C S

Leaders in Consumer Biometric Technology

BioBox m a n u a l



www.sequiam.com



SEQUIAM
B I O M E T R I C S

UNDERSTANDING BIOMETRICS

Biometrics are methods of authenticating the identity of person based on physiological or behavioral characteristics. Biometric fingerprint authentication refers to technology that measure and analyzes human physical characteristics for identification and authentication purposes.

Everyone is known to have their own unique individual fingerprints. The individuality of each fingerprint can be determined by the pattern of ridges and furrows on the surface of the finger as well as by the minutiae points. Minutiae points are local ridge characteristics that occur at either a ridge bifurcation or a ridge ending. Sequiam's leading edge engineering group has developed its patented biometric technology to read and match fingerprints with unmatched speed with precision accuracy.

www.sequiam.com/products/biobox

1 YEAR LIMITED WARRANTY

The BioBox™ is guaranteed for one (1) year against manufacturer defects or malfunctions. In the event of failure, Sequiam Biometrics will, at its election, repair, replace or make appropriate adjustment where Sequiam Biometrics inspection discloses any defects occurring in normal usage. To obtain warranty service information please call Sequiam Biometrics at (407) 541-0773 . Proof of purchase from the original consumer (original sales receipt) must accompany all warranty claims. Defects or damage caused by use of other than genuine Sequiam Biometrics parts are not covered by this warranty. Please do NOT return your product without first obtaining a Return Authorization Number (RA#).

BIOBOX

Access Control at the Touch of a Finger

BioBox is the ultimate solution to complete access control. Invented and developed by Sequiam Biometrics, BioBox provides safe storage and easily controlled access for handguns, weapons, ammunition, jewelry and other valuable items including: pharmaceuticals, coins, stamps, stocks, bonds, critical data and personal documents. BioBox's patent-pending technology is the culmination of over 20 years of biometric development. BioBox requires no external computer or power to function. Flash memory retains fingerprint data even during complete battery or electrical failure.

Box Contents: Shipped with your BioBox are the following items:

- (1) BioBox
- (1) Security Cable
- (1) Instruction Manual
- (1) Warranty & Registration Card

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GETTING STARTED

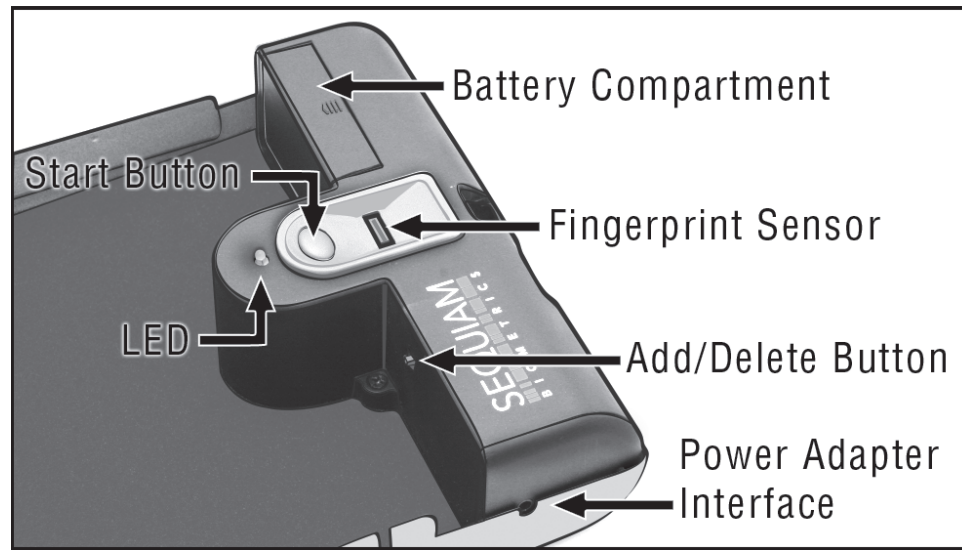


Figure A

NOTE: The BioBox can be accessed either by valid fingerprint or via the keys provided.

- Make sure to remove the backup key from the BioBox before use
- The key is for emergency use only to unlock the case in the event of fingerprint failure.
- If the key is used to access the BioBox; it can only be removed from the lock cylinder by returning the key back to its original locked position. Please do not try to remove the key in any other position or this may cause damage.
- The key overrides the electronic locking system. Do not try to use the fingerprint sensor and electronic locking system while the key is in the unit.

Q: Can the BioBox use rechargeable AA batteries?

A: Yes.

Q: If I cut my finger, does the fingerprint heal the same as before and will it open my safe?

A: Usually yes, although if the cut is significant or requires stitches, scar tissue may form as a result causing a change in your fingerprint. That is why we recommend enrolling additional user fingerprints and also fingerprints from your other hand.

Q: Will the BioBox scan my finger correctly when my finger/fingerprint is puffy after a shower/swimming?

A: The BioBox has been designed to be very sensitive when authenticating and matching fingerprints. The unit will open when your fingerprint has increased moisture from after an average shower or swim and will open. There may be times when extreme water retention due to extended time in the water will cause a minute aspect of your fingerprints to change for a short time and access to your BioBox may be denied until your fingerprint returns to its ordinary normal condition the same as when you originally enrolled that print.

Q: Can someone cutoff my finger and try to use it to open the BioBox?

A: No, BioBox uses technology that detects live fingers for scanning, so in the unfortunate event that a detached finger is used to attempt access the unit will not open.

Q: Can I travel with the BioBox through US Customs or TSA Security at the airport?

A: Yes, there are no restrictions on carrying this type of item. Please be aware that you may be asked to open the BioBox rather than passing it through x-ray and that we recommend that an enrolled user be present during transporting this item in case such as request is made by a government authority.

For additional, in-depth FAQ and information on BioBox, as well as information on biometrics and all consumer contact information, please visit

<http://www.sequiam.com/products/biobox>

Q: Where can I buy accessories?

Where can I buy spare parts (battery covers, A/C adapters, etc)?

Where can I send the BioBox for repair?

Where can I get another BioBox?

A: Please visit www.sequiam.com/products/biobox for complete and accurate consumer help information.

Q: What happens to the fingerprints that are stored in the BioBox when the batteries die?

A: The BioBox retains all fingerprints in the event of battery failure. Once the power is restored by inserting new batteries, the unit will function as it did before the power loss.

Q: Can different BioBox units use the same wall mount?

A: Yes, all BioBox units are designed to utilize the same wall mounts.

Q: Is the BioBox fire proof?

A: No, the BioBox is not fire proof or fire resistant. The BioBox has been specifically designed for secure access control and convenience.

Q: What do I do when I cannot open my BioBox?

A: Please follow the following suggestions to open your BioBox:

- Swipe your fingerprint over the sensor slowly and completely.
- Swipe an alternative registered fingerprint from another finger or from your other hand.
- If the unit still will not open, use the backup key provided with the unit and replace the batteries.
- Try resetting the unit (see the Delete Users/Resetting the Unit section)

1. Press and hold both the Add/Delete and the Start buttons for one second. You will hear one beep and the LED will flash green indicating the enrollment procedure has started.
2. Place your finger over the sensor with the tip of your finger at the top of the finger guide as shown in Figure B.

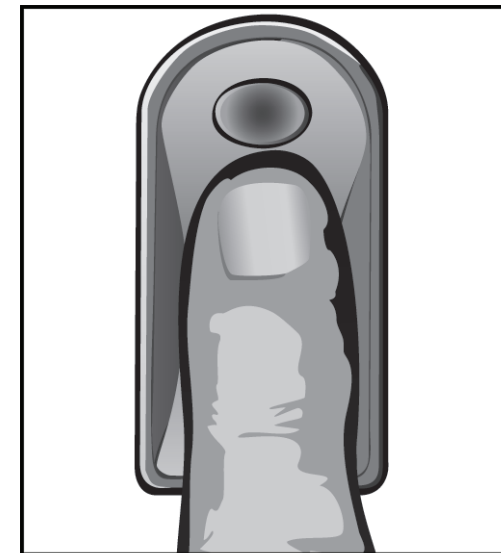


Figure B

3. Make sure you have good, flat contact with the sensor. Begin to swipe your finger from Position 1 to Position 2 (indicated in Figure C), taking 1 to 2 seconds to complete the swipe. Try to get your entire fingerprint to cross the sensor.

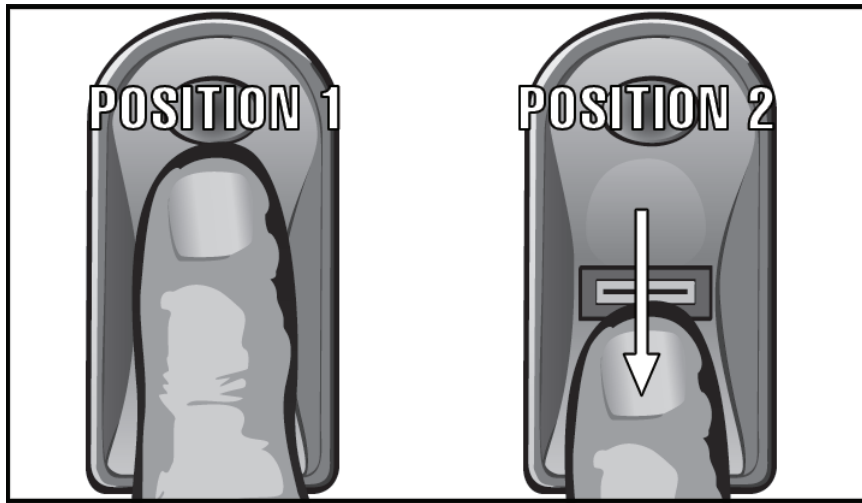


Figure C

4. Once the swipe is completed you will hear a beep. Repeat Step 3 two more times. If the swipe fails, the LED will flash red and the unit will wait for another swipe.
5. After swiping your finger 3 times the unit will beep twice, this indicates a successful Primary Enroll (Enroll 1 of 2). Now repeat Steps 2 through 4 with the same finger for the Backup Enroll (Enroll 2 of 2).
6. After completing your Backup Enroll you will hear 2 beeps. Your enrollment is now complete and the unit will power off. If the enrollment fails, the LED will flash red one time and the unit will power off. Please repeat steps 1 - 6 to try again.

TROUBLESHOOTING

The BioBox is a very sophisticated and highly engineered piece of electronic equipment. It has been designed to grant an extremely high level of accuracy in the fingerprint authentication process as well as a high degree of reliability and dependability. This device is not a toy. The components and software have been rigorously tested. There are no consumer serviceable parts inside this unit. Please do not open or tamper with the circuit boards, firmware, or software. Should you experience any issues in the operation of the BioBox please review the FAQ section of this manual. If further information is needed please visit www.sequiam.com/products/biobox and you will find complete details and answers to common questions and additional operational instruction.

AVAILABLE ACCESSORIES

- Surface Mounting Bracket
- Carrying Handle
- Power Adapter

For more information on these items, please visit
www.sequiam.com/products/biobox

SECURITY CABLE

1. Loop the security cable around a secured object.
2. Run one end of the cable through the eye of the other end and pull tight around object.
3. Place the loose end of the security cable through the gap on the left side of the BioBox as shown in Figure E and close the lid to secure.



Figure E

ACCESSING THE UNIT

NOTE: The BioBox can be accessed either by valid fingerprint or via the keys provided.

Fingerprint Access

1. Press the Start Button until the green LED turns on and the unit beeps once, the unit is now on.
2. Place your finger over the sensor with the tip of your finger at the top of the finger guide as shown in Figure B.
3. Make sure you have good, flat contact with the sensor. Begin to swipe your finger from Position 1 to Position 2 (indicated in Figure C), taking 1 to 2 seconds to complete the swipe. Try to get your entire fingerprint to cross the sensor.
4. If the BioBox detects a match, the LED will turn off and you will hear a beep as the unit unlocks, then you may open the unit. If the BioBox doesn't detect a match, the LED will glow red and you will be denied access. If you are an enrolled user and are denied access, please try again. If the problem persists, please delete all users and re-enroll.

Key Access

NOTE: Key Access is intended for backup use only.

1. Insert the key into the front of the unit.
2. Turn clockwise to unlock the unit.
3. Lift the top of the BioBox to open.
4. To remove the key, close the BioBox, turn the key counterclockwise.
5. Press the Start Button to lock the unit.

LOCKING THE UNIT

1. Make sure the door is closed.
2. Press the Start Button, then the unit will lock.

DELETING USERS/RESETTING THE UNIT

NOTE: Individual users cannot be deleted from the BioBox. All users will be deleted together.

1. To delete all fingerprints currently stored on the BioBox, press and hold both the Add/Delete and Start buttons.
2. After 2 seconds the LED will turn red, continue to hold for 10 seconds then the LED will turn green again indicating the unit is deleting all users/fingerprints.
3. Let go of both buttons. After a few seconds the unit will beep and turn off. All users/fingerprints are now deleted and the unit has been reset.

NOTE: The unit will no longer have any enrolled users. The start button will now unlock and lock the unit until a new user is enrolled.

REPLACING THE BATTERIES

NOTE: **Low Battery Warning** - When the unit is powered on, if the LED flashes red and green and the unit beeps 3 times, this indicates a low battery.

1. Pull open the battery cover.
2. Pull out the battery holder, by gently pulling on the ribbon.
 - a. Remove all old batteries.
 - b. Insert new charged batteries, following the Positive (+) and Negative (-) guides on the holder.
3. Reinsert the battery holder and snap the battery cover back into place.

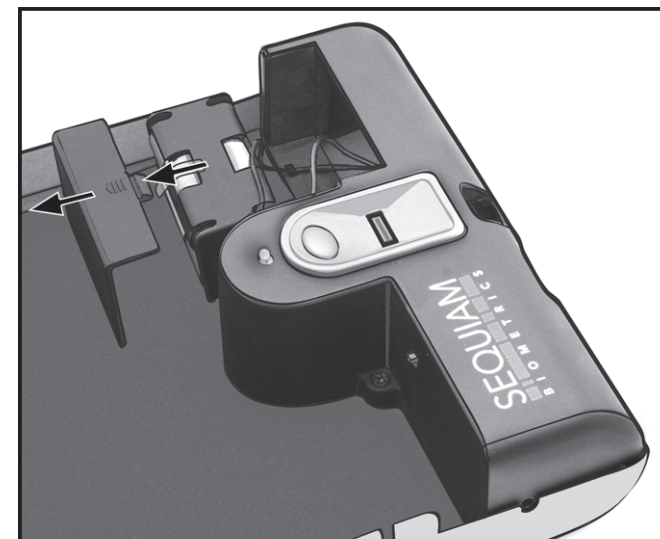


Figure D