

BioPointe Finger/Card Presentation

This guide is made available for distribution to anyone who will have occasion to enter through a door controlled by a BioPointe Fingerprint Identification unit. Some BioPointe units are designed to read Proximity cards in addition to PINs or Fingerprints. The steps needed to use your particular unit will vary depending on the installation.

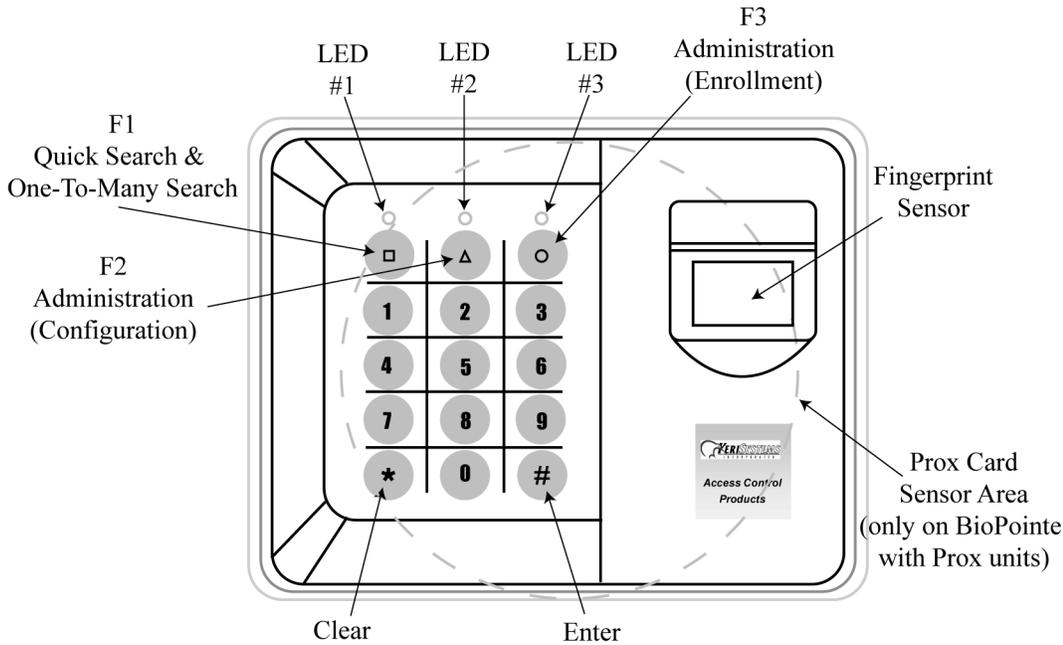


Figure 1: Keri BioPointe Fingerprint Identification Unit

When it is necessary to place your finger on the fingerprint sensor, gently place the last segment of the finger used during enrollment squarely on the fingerprint sensor (see Figure 2).

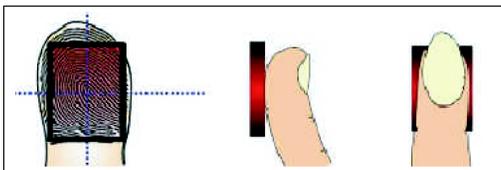


Figure 2: Proper Finger Presentation

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Keep finger on fingerprint sensor until the unit responds in one of the following ways:

LED Status	Beeper Status	Description	Allows for Second Scan of Finger
LED #2 flashes green once	1 beep	Access granted	-
LED #1 turns red	4 beeps	Finger presented does not match PIN	Yes
LED #1 flashes red once	3 beeps	Invalid PIN	No
All 3 LEDs flash red	Multiple beeps	No finger has been detected	Yes

NOTE: To erase an incorrect keypad input and start over, press the clear button ().*

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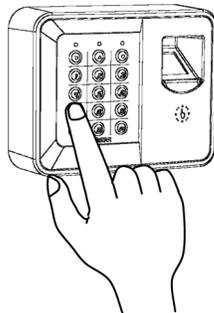
1.0 Performing Fingerprint Authentication

There are 4 ways to perform fingerprint matching.

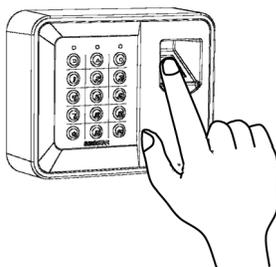
- The first is to use the keypad to enter your full ID.
- The second is to present your card across the device.
- The third method is to use Quick Search. This method also uses the keypad, but eliminates the need of having to enter your ID. Only 2 or more digits of your ID are sufficient to tell the device to search for a match.
- The last method is to use one-to-many matching (or identification), where no ID is required to be entered. However, the user should note that this method is carried out at a higher level of security, and hence may be more difficult to match successfully for reasons such as the finger was not well enrolled initially, or when it was not placed well on the sensor.

1.1 One-to-One Matching using the Keypad

1. Using the numeric keypad, enter your ID.



2. If the ID exists, the sensor will light up and the 2nd LED will blink fast in red. Place your finger on the sensor, removing it only when the sensor light goes off.



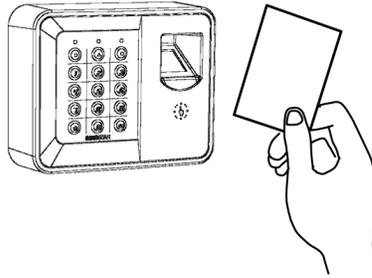
3. If the 1st LED lights up in green, the authentication is successful.
4. If the 1st LED lights up in red, you will be allowed another try. Place your finger on the sensor again when it lights up.

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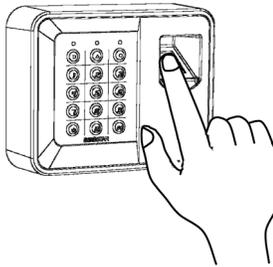
1.2 One-to-One Matching using the Card Reader

1. Present your card to the device

NOTE: Your card ID must be the same as the UserID enrolled previously.



2. If the ID exists, the sensor will light up and the 2nd LED will blink fast in red.
3. Place your finger on the sensor, removing it only when the sensor light goes off.



4. If the 1st LED lights up in green, the authentication is successful.
5. If the 1st LED lights up in red, you will be allowed another try. Place your finger on the sensor again when it lights up.

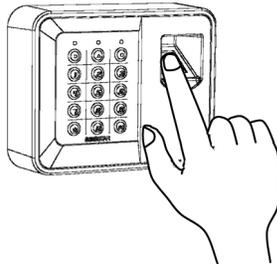
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1.3 Quick Search

Quick search eliminates the need for you to enter your full ID. This is useful if the number of digits your organization used for the ID is long, making it hard for the staff to remember the full ID.

With quick search, what you need to do is to enter just 2 or more digits of your ID from the back and then hit the first function key to initiate the matching process.

1. As an example, if your ID is 12345, enter '4', '5' followed by the  key. The BioPointe device will perform a search for IDs ending with '45'.
2. If no IDs ending with '45' is found, the 1st LED immediately lights up in red.
3. If any ID ending with '45' is found, the sensor will light up and the 2nd LED will blink fast in red. Place your finger on the sensor, removing it only when the sensor light goes off.



4. If the 1st LED lights up in green, the authentication is successful.
5. If the 1st LED lights up in red, you will be allowed another try. Place your finger on the sensor again when it lights up.

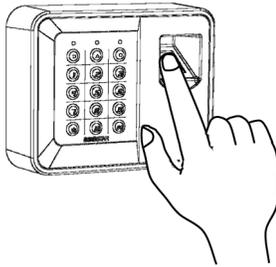


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1.4 One-to-Many Matching (or Identification)

With one-to-many matching, you need not remember your ID. However, the user must note that this matching process is carried out at a higher security level. Before attempting to use the one-to-many matching, verify it has been enabled on the unit.

1. If the one-to-many matching mode has been enabled, press the  key 2 times.
2. Place your finger on the sensor, removing it only when the sensor light goes off.



3. If the 1st LED lights up in green, the authentication is successful.
4. If the 1st LED lights up in red, the authentication fails.

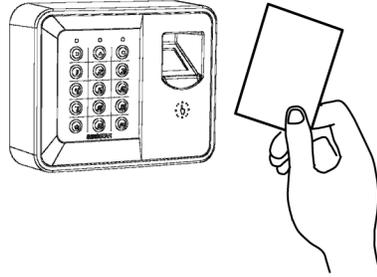
NOTE: There is no automatic retry for one-to-many matching.

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2.0 Performing Card Only Authentication

1. Present your card to the device.

NOTE: Your card ID must be the same as the UserID enrolled previously. In addition, this card ID must be enrolled as the Card Only authentication property.



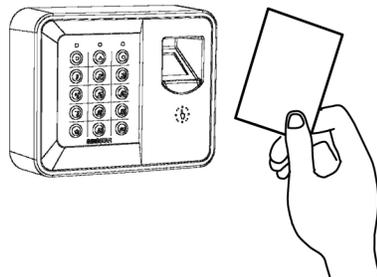
2. If the 1st LED lights up in green, the authentication is successful.
3. If the 1st LED lights up in red, the authentication fails.

NOTE: This could be because the ID was not found within the device.

3.0 Performing Card with PIN Authentication

1. Present your card to the device.

NOTE: Your card ID must be the same as the UserID enrolled previously. In addition, this card ID must be enrolled as the Card with PIN authentication property.



2. If the ID does not exist, the 1st LED will light up in red.
3. If the ID exists, the 2nd LED will blink slowly in amber. Enter your 6 digits PIN.
4. If the PIN is correct, the 1st LED will light up in green. If the PIN is incorrect, the 1st LED will light up in red.

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Application Note

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