Biometric Fingerprint Reader

“One-Touch” Fingerprint I.D. and Door Release

Improve the speed, accuracy and efficiency of drop-offs and pick-ups with our new Fingerprint Reader option. Designed to work with our state-of-the-art TimeClock system, the Biometric Fingerprint Reader provides virtually immediate identification of authorized people at a very cost-effective price! By simply placing a finger on the reader, any authorized visitor is matched and identified against your authorized list. No need for pin numbers to identify who and when a pickup/drop-off occurs. It even integrates with our electronic door release option for secure entry!

Benefits

• **Convenient** – No attendance sheets, PINs or I.D. cards.
• **Fast** – Speed pick-up and drop-off for busy parents.
• **Secure** – Eliminates unauthorized sharing of PIN numbers and provides state-of-the-art access control (via door release option).
• **Private** – Fingerprint data is encrypted and cannot be used for other purposes.
• **Professional** – Supports your center’s image as efficient and safe.

Easy to use for parents, children, staff and other authorized visitors!

Pick-up/Drop-off Architecture

Data recorded by TimeClock is automatically updated into EZ-CARE2 attendance records, enabling real-time reporting, accurate data collection, and attendance-based billing.

Contact your SofterWare regional account manager at 1-800-220-4111 to answer questions about the Biometric Fingerprint Reader. For more information visit: [www.softerware.com](http://www.softerware.com)
Commonly Asked Questions

What is the difference between Fingerprint Identification and Verification?

There are really two ways that biometrics are used. One is to simply verify the identity of an individual (e.g. they enter a PIN # and the biometric system only has to compare the stored data for the individual to the current print scan). Our biometric system does not require the entry of any PIN #, and is able to compare the current scan to all stored IDs and find the match. The ability to do this quickly and accurately is an important aspect of this unique and cost-effective solution.

How accurate is the fingerprint system?

Every person's fingerprint contains a unique pattern of identifiable "points". The orientation of these points within the pattern is what differentiates one fingerprint from another. The biometric software examines and extracts these unique points and stores them in the form of a biometric identity template, which is used during identification. When the maximized fingerprint surface area (a "clean print") is captured during enrollment and recognition, the chance of misidentification is nearly non-existent.

What are the personal privacy risks?

None. The biometric system does not store a copy of the fingerprint image. The software extracts the unique fingerprint pattern data from the image for the purpose of identification within a closed environment. It is impossible to recreate a fingerprint image from this data; therefore, there are no associated privacy risks. Additionally, the data is 100% encrypted.

How long does the enrollment process take?

"Enrollment" consists of scanning a person's fingerprint three times consecutively. The scanner automatically captures the print when the finger is placed on it. Capture time for each scan is less than one second. Total enrollment time should take less than 10 seconds.

How long does it take to identify?

The system matches fingerprint data at speeds as high as 20,000 records per second in an optimized environment. With the appropriate hardware, the process is very quick.

What if something happens to someone's finger?

During enrollment, the system captures two fingerprints, which can be used to identify an individual (typically the index finger from the left and right hand). Should something happen to one of the enrolled fingers (i.e., cut, burn, damaged, etc.); the other fingerprint data will still serve as a unique identifier. Additionally, any enrolled fingerprint can be updated in the system by an administrator when necessary.

How much does it cost?

Fingerprint Biometric Software – $495 (Single site/server)

Fingerprint Reader – $295

Fingerprint Reader Stand – $45

TimeClock system and optional Door Release sold separately. Ask your account manager for more details.