

Biometric Hand Reader

Fast & Accurate ID Verification In The Palm Of Your Hand!

Features:

- Eliminates Manually Generated Time Card Data
- Costs Less Than Other Biometric Timekeeping Products
- Links Directly To Your Existing Computer System
- Sturdy Construction
- Up to 8 Programmable Function Keys
- Accept/Reject Tones
- Signal Control
- Four Forms of Background Communications
- Optional Slot Bar Code Reader
- Supervisor Editing
- Lockout Scheduling
- Employee Messaging
- Optional Bar Code Wand/Gun Port

Biometry is the statistical analysis of biological observations and phenomena. It is also the new standard for time and attendance data collection devices. Instead of relying on badges, which can be lost, stolen, or given to a co-worker, Time America's Hand Punch terminals verify an employee's identity based on the unique size and shape of the employee's hand.

This state-of-the-art device involves an investment similar to that required by traditional badge swipe devices. Yet, the length of time required to recover your initial investment is significantly reduced because biometric devices do not require costly badges and they eliminate buddy punching. Buddy punching affects companies in varying degrees. If your company's current solution allows employees to clock in and out for one another, a Hand Biometric solution can help you recover losses and maximize your investment.

Time America's Hand Biometric Reader can record employee time, monitor productivity, control access and monitor inventory in a multitude of industries including restaurants, hospitals, health care facilities, banks, manufacturing, retail, hospitality, and many others.

The Hand Biometric Reader functions as a simple to use data collection point for employee information. It can be linked to a variety of existing computer networks in your organization to complement the management information systems you already have in place. By automating your data collection process, you can eliminate the manpower and mistakes associated with conventional time cards thereby reducing both payroll costs and errors. The Hand Biometric Reader guarantees accurate, reliable input. Employees simply enter information through the Hand Biometric Reader keypad, by using a pin number or optionally swiping a bar code badge, then presenting their hand for verification. Employee



*Eliminate Badges...
Eliminate Buddy Punching...*

feedback is provided through audible accept/reject tones and displayed messages.

Communication between the Hand Biometric Reader and your computer is accomplished by one of Time America's polling and programming utilities or integrated time and attendance system. The Hand Biometric Reader automatically transfers data to your computer. In turn, the computer is used to program the Hand Biometric Reader. Each of the Hand Biometric Readers function keys can be programmed to ask up to four levels of information. Each piece of information is stored in the terminal's memory until requested by the host computer. The Hand Biometric Reader can be programmed to prompt employees for data input, display employee messages, restrict employee punching via a schedule, regulate employee access to restricted areas, control a bell, allow supervisor punch lookup/editing, and much more. The Hand Biometric Reader collects this data and transfers it to your computer via RS232 serial, RS485 LAN, internal dial-up modem or optional Ethernet communications. The Hand Biometric Reader is constructed of injection-molded plastic that provides a tough, yet lightweight and attractive case. The Hand Biometric Reader's internal lithium battery keeps your data safe and the time/date accurate even if power is out for weeks.

What kind of data would you like to collect? Keeping track of employee time on various tasks and accurate accounting of your inventory is essential in determining productivity. The Hand Biometric Reader provides an easy and cost effective means of gathering this type of data. If the data you're after can be bar coded or entered through a keypad, the Hand Biometric Reader can time stamp it, record it, and feed it to your computer, while performing other tasks at the same time. Put the power of automated data collection to use in your business!

Benefits

- Eliminates the need for badges
- Eliminates buddy punching
- Eliminates the unavoidable errors associated with manually collected data
- Features easy operation
- Provides accurate, reliable data
- Is user programmable
- Links directly to your existing computer system
- Offers a variety of options
- Costs less than other biometric data collection products

Product Specifications

Dimensions:	22.5" x 29.25" x 21.75"
Employee Capacity:	HP1000 – 50, upgradeable to 512 HP2000 – 512, non-upgradeable HP3000 – 512, upgradeable to 32512 HP4000 – 512, upgradeable to 3498
Card Reader:	HP1000 – N/A HP2000 – N/A HP3000 – N/A HP4000 – 3 of 9 Bar Code
Display:	2x16-Character backlight LCD
Function Keys:	HP1000 – N/A HP2000 – 2 programmable HP3000 – 2 programmable HP4000 – 8 programmable
Programming:	ASCII-based, Over Communication Port
Communications:	HP1000 – RS232, optional modem HP2000 – RS232, optional modem HP3000 – RS232 & RS485, optional Modem and Ethernet HP4000 – RS232 & RS485, optional Modem and Ethernet
Signal Control:	HP1000 – N/A HP2000 – N/A HP3000 – 2, bells and access HP4000 – 2, bells and access
Power:	Power Supply: 120VAC, 60HZ Unit: 12-24 VDC or 12-24 VAC 50/60HZ

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Available Options

Signal Control: With the optional Bell/Access Module and signal control relay, the terminal can turn on a 120VAC 10AMP circuit. The signal control relay can be turned on by both a specific employee badge/number for access control or by time of day for bell ringing. The duration time is also programmable.

Bar Code Wand or Gun: The HP4000's optional bar code port allows you to connect an external bar code wand, laser gun, or slot reader.

Operational Battery Backup: With the addition of the internal battery backup, all terminal functions remain 100% operational in the event power is removed.

All Weather Enclosure: Time America provides a full line of enclosures to protect your Hand Reader from the elements. Three different, proven solutions are available to ensure your Hand Reader performs and keeps performing regardless of your environment.

Features

Programmable functions: Each function key can be programmed to collect up to four items of data, plus the initial employee I.D. and time stamp. For example, an employee could press function key 2 and be prompted to input a work order number, part number, and then prompted to input a quantity. This demonstrates just three items of data.

Supervisor editing: The terminal has a supervisor mode, in which any transaction can be entered for the employee at the time it should have taken place. The supervisor mode also allows you to recall and delete previous employee transactions by date, time and employee number.

Durable construction: The Hand Biometric Reader is constructed of injection-molded plastic, which is found for pound stronger than steel, yet lightweight and attractive. The terminals have a silicon rubber keypad, which creates a seal against the outside elements, including those found in a spilt cup of coffee. The terminal comes with an integrated wall-mounting bracket.

16 Character LCD backlight display: The terminal comes with a highly advanced 2x16 backlight liquid crystal display. This means that under almost any lighting condition the terminal will give you a clear picture.

Battery backed memory: The Hand Biometric Reader has an internal Lithium battery keeping your data safe even if the power is out for weeks. The terminal's internal Lithium battery not only holds the memory, but also keeps the time and calendar accurate. With the addition of the optional internal battery backup, all functions are 100% operational if power is removed. Once power resumes, the battery automatically recharges. With the Time America terminal, your collected data is no longer at the mercy of the utility company.

Lockout Scheduling: Eliminate unauthorized overtime by scheduling when employees can use the terminal. With this feature you can; lock out tardiness, lock out early birds, force late arrivals and early departures to notify the supervisor in order to punch, control punching by time of day and control punching by day of week. Supervisors may be allowed to override a lockout. When used with access control you may set up time schedules for employee access.

Employee Messaging: After the employee enters their ID number, the terminal can display a 16-character message to that employee. Messages such as the employees name, hours worked, or location to report to may be downloaded to the terminal. Messages are specific to each employee, so messages such as "HAPPY BIRTHDAY" can give your data collection terminal that human touch.