# Biometric Hand Reader

*Fast and 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

**Eliminate Badges, Eliminate Buddy Punching**

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, Sierra Workforce Solu-tions' 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 is an investment similar to that of traditional badge swipe devices, yet, your return on investment is significantly increased because biometric devices do not require costly badges and serve a variety of functions more effectively.

The key benefit of Sierra Workforce Solutions' Biometric Hand Reader is that it eliminates buddy punching – an issue that affects companies in varying degrees. Sierra Workforce Solutions' Hand Biometric Reader can record employee time, monitor productivity, control access and monitor inventory in a multitude of industries such as manufacturing, finance, health care services, restaurants, hospitals, retail, hospitality, and many others. 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.

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. Employ-ees enter information through the Biometric Hand Reader key-pad, by using a pin number or optionally swiping a bar code badge, then presenting their hand for verification. Employee feedback is provided through audible accept/reject tones and displayed messages.

The Biometric Hand Reader is an easy-to-use data collection point for employee information. Each of the Hand Biometric Readers function keys can be programmed to ask up to four levels of information which are stored in the terminal's memory until requested by the host computer. A variety of functions can be programmed for a variety of employee-related functions such as prompting data input, display messages, restrict punching via a schedule, regulate access to restricted areas, allow supervisor punch lookup/editing, and much more.

It can be linked to a variety of computer networks in your organization to complement the information systems you already have in place. Communication and data transfer between the Biomet-ric Hand Reader and your other applications is accomplished by one of Sierra Workforce Solutions' integrated time and atten-dance solutions. The Hand Biometric Reader collects and trans-fers data to your computer via serial, LAN, internal dial-up mo-dem or Ethernet communication.

What kind of data would you like to collect? Accurate tracking and reporting of employee time is essential to determining productivity. The Hand Biometric Reader provides an easy, cost effective means of gathering this type of data. 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 |

## 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 ac-cess control or by time of day for bell ringing. The duration time is also pro-grammable.

**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 solu-tions are available to ensure your Hand Reader performs and keeps per-forming regardless of your environment.

## Features

**Programmable functions:** Each function key can be programmed to collect up to 4 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.

**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 pound 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.

**Lockout Scheduling:** Eliminate unauthorized overtime by scheduling when employees can use the terminal. With this feature you can lock out tardies and early birds, force late arrivals or early departures, control punching by time of day, day of week and much more. Supervisors can be given rights to override a lockout, approve punches and more. When used with access control, you can set up time schedules for employee access.

**Employee Messaging:** After the employee enters their ID, the terminal can display a 16-character message such as the employee's name, hours worked, or location to report to. Messages can be personalized (i.e. "HAPPY BIRTHDAY"), giving your data collection terminal a human touch.