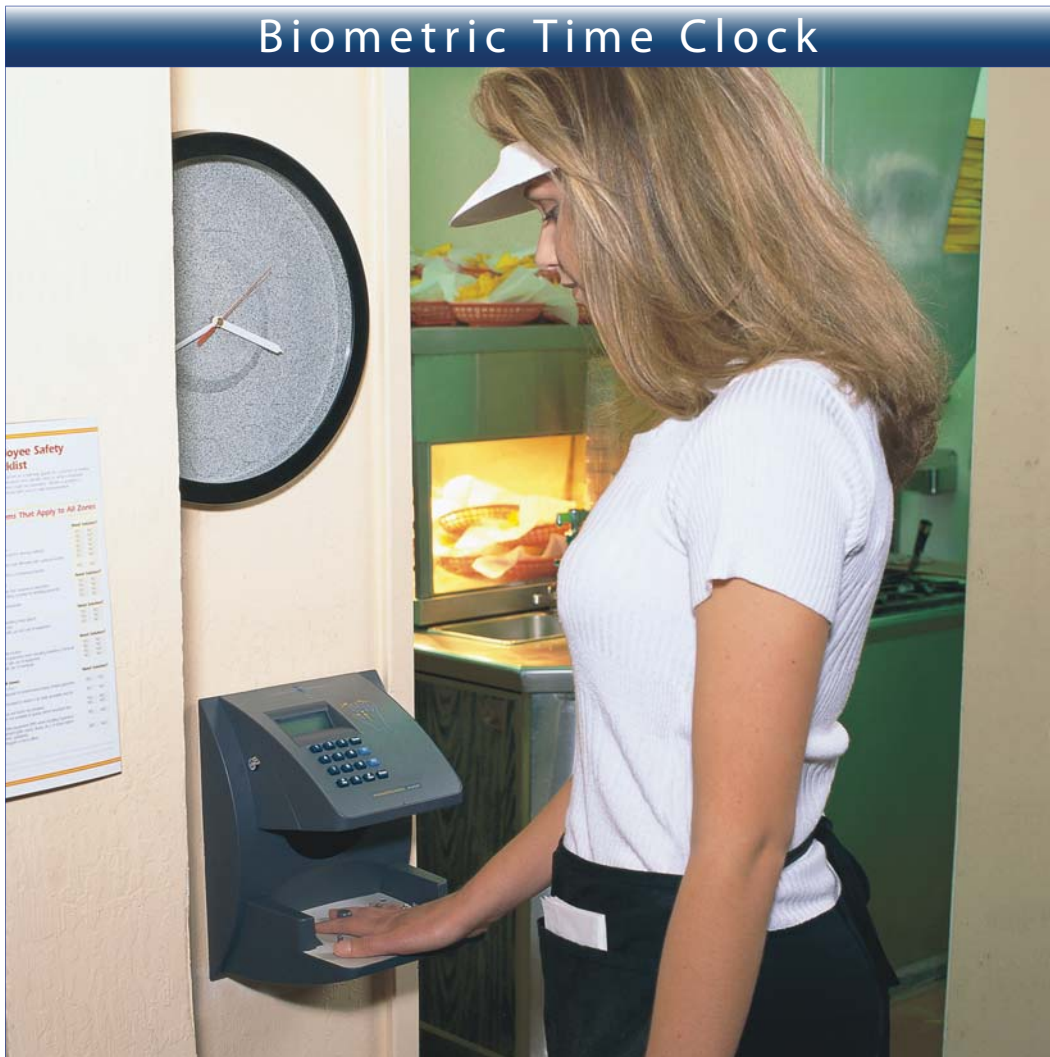


# HandPunch Terminal

## Biometric Time Clock



Put your hands on the accurate, affordable solution.

- ▶ *Save Time by Automating*
- ▶ *Increase Payroll Accuracy*
- ▶ *Eliminate Buddy Punching*
- ▶ *Fast, Easy to Use & Reliable*
- ▶ *No Cards to Create or Replace*

### **Central Time Clock, Since 1931**

Central Time Clock now brings the accuracy and convenience of biometric technology easily within reach. We provide time & attendance solutions, proven to be practical and precise for businesses of all sizes.

### **Your Hand is Your Card**

There are no cards to create, replace, carry or lose. The HandPunch verifies an employee's identity in less than one second, based on the unique size and shape of their hand. Green and red indicator lights clearly notify each user of a match. Reliability and easy use have made the HandPunch the biometric standard for the time & attendance industry.

### **Communication Options**

The HandPunch records punch transactions and transmits them to the computer hosting your time tracking software in a variety of methods: Serial (RS232/RS485), Ethernet (TCP/IP), or modem for remote locations.

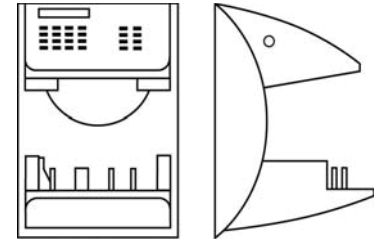
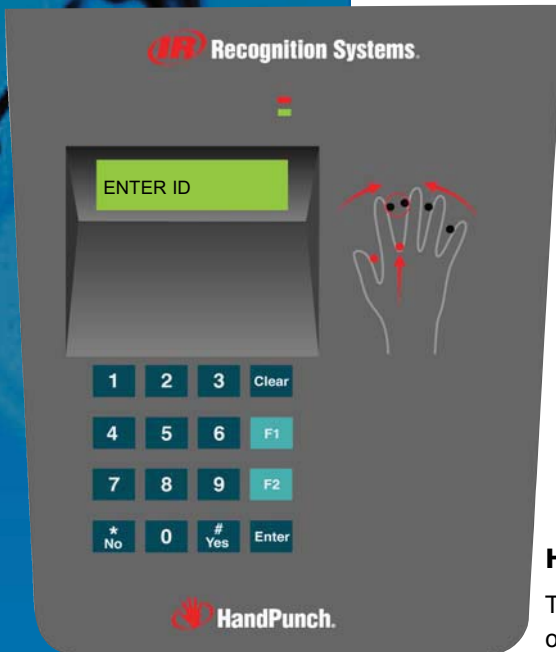
### **Increase Payroll Accuracy**

The American Payroll Association experts estimate manual calculations account for at least a 1% error rate.

### **Bottom Line**

100% Return on Investment in less than one year. Knock out buddy punching and start saving today!





### Recognition Systems History

Recognition Systems (RSI), manufacturer of the HandPunch, has been in business since 1986 and is now owned by Ingersoll-Rand. RSI can attribute the majority of its success, profitability and growth to three specific markets: time and attendance, access control, and personal identification products.

More than 300,000 HandReaders are installed throughout the world in a wide variety of applications for companies of all sizes.

### Hand Recognition: How Does it Work?

The HandPunch terminals work by creating a three-dimensional image of your right hand. During an initial enrollment session each user is given a unique pin number. A template for each employee is then created by recording the length, width, thickness and surface area of their hand. This template is converted to a 9-byte code where it is stored in both the HandReader memory and on your local computer. To clock in or out, simply enter your pin number and place your hand once. Your identity is verified in less than a second.

### Optional Door Access Control:

This is the perfect solution for access control to your gym, office, and data storage closets. Appreciate the convenience of not having to keep track of a key or card. To remove a user, simply delete their hand template in the access control software and resend the updated information to the HandReader. In addition, hand templates are stored locally at the reader to ensure that the door remains secure in the event that the access control computer goes off-line. System reports can be generated to track activity and user status.



### Why Central Time Clock?

Generations of experience has made Central Time Clock a leading expert in sales, support, and service in the workforce management industry. Since 1931, Central Time Clock has served over 8000 Clients worldwide and continue to strive for excellence. Rest assured any requests made by our clients are handled promptly and professionally.

Our 80 years in the time recording industry has taught us one valueable lesson: Maintain quality of service and remain knowledgable in the industry. We stick to this concept and carry it into everything we do. As a family owned company, we know the importance of building and maintaining healthy relationships, which is why Central Time Clock has earned the reputation of a reliable, knowledgeable, and professional organization that can be depended on now and for years to come.

## Specifications

- Weight:** 6lbs.
- Dimensions:** 8.55" W x 8.55" D x 11.65" H
- Verification Time:** Less than 1 second
- Clock Pin#:** 1-10 digits
- Transaction Buffer:** 5,120 transactions
- Memory Retention:** Internal lithium battery provides up to 5 years
- Power Adapter:** 12-24 VDC/12-24 VAC 50/60Hz
- Power Requirements:** Standard power outlet Within 4 feet of clock

## Clock Models

- HP1000/S**  
User Capacity: 50 Users Standard  
Memory Expansion: Up to 100 or 512 Users  
Communication: Serial/Modem
- HP1000/E**  
User Capacity: 100 Users Standard  
Memory Expansion: None  
Communication: Network Only
- HP2000**  
User Capacity: 512 Users Standard  
Memory Expansion: None  
Communication: Network/Modem/Serial
- HP3000**  
User Capacity: 512 Users Standard  
Memory Expansion: Up to 9,728 or 32,512 Users  
Communication: Network/Modem/Serial  
Options: Door Access Control

# Our Customers

Our customers are as diverse as the needs of their work places. For decades, more than 300,000 of our biometric devices have been installed throughout the world, in a wide variety of applications.

<b>Air Transportation</b>	Ben Gurion International Airport   INSPASS   KLM   Malta International Airport   Nippon Express Co., Ltd.   United Airlines   Toledo Express Airport   San Francisco International Airport
<b>Casinos</b>	Oneida Bingo Casino   Sahara Casino   Caesar's Palace   Flamingo Hilton   Treasure Island Resort & Casino
<b>Correctional</b>	Colorado State Corrections   Federal Bureau of Prisons   Hawaii Department of Public Safety   Liman County Prison   Megasson Israeli Prison   Minnesota Department of Corrections   Nassau County Jail   Ohio State Penitentiary   Utah Department of Corrections   Washington, D.C. Jail   Washington Department of Corrections-Parole Kiosks   Wisconsin Department of Corrections
<b>Courthouses</b>	Jackson County Courthouse   Lane County Courthouse   Los Angeles County Courthouse   Sonoma County Courthouse
<b>Education</b>	Iona College   New York University   San Jose State University   University of Georgia   University of Pennsylvania   San Diego State University   Johnson & Wales University   University of Central Florida
<b>Financial</b>	American Express   Banca di Roma   Bank House   Bank of America   Bank of Hawaii   Brinks   Chevy Chase Bank   Chicago Board of Trade   Citicorp   Deluxe Check   Federal Reserve Bank   First Bank of Minnesota   FirstBank Puerto Rico   First Interstate Bank   Jefferson Bank   MBNA Bank   Mid-Med Bank, Card Products Division   National Bank, Ukraine   QwikCash   Seafirst Bank   Security First of America   Swiss Bank Corporation   Wells Fargo Bank
<b>Governement</b>	DARPA, Arlington, VA   The Defense Agency of Japan   Department of Commerce Data Center, Springfield, VA   Lawrence Livermore Labs   Ministry of Foreign Affairs, Jerusalem   NSA, Ft. Meade, MD   Pentagon, Crisis Management Center, Washington, D.C.   Republic of Lebanon   Sandia National Labs   Singapore Ministry of Defense   U.S. Air Force   U.S. Customs Data Center, Springfield, VA   U.S. Drug Enforcement Agency   U.S. Embassies   U.S. Post Office, NJ   U.S. State Department   Los Alamos National Labs
<b>Internet Data Centers</b>	Above Net Communications   Cogent   Equinix   eVault   Exodus   Hurricane Electric   Level 3   Pilot Network Security   Qwest Communications
<b>Laboratories</b>	Bristol Myers Squibb   DuPont   Merck   Miles Laboratories   Pfizer   Southwest Bell
<b>Local Government</b>	Alameda County Sheriffs   Carmel Fire Department   Chula Vista Police Department   City of Pompano Beach   City of West Palm Beach   Focused Hope Retraining   San Bernardino Sheriffs   Chesterfield County Virginia
<b>Manufacturing</b>	California Cryobank   Honda Motor Co., LTD   Mitsubishi Heavy Industries, LTD.   Owens Corning   Phillips Electric
<b>Medical Facilities</b>	Rex Hospital, North Carolina   University of Florida Medical Center   Veteran's Hospital
<b>Power</b>	Arizona Public Service Co.   Baltimore Gas & Electric   Boston Edison   Carolina Power & Light   Chubu Electric Power Co.   Cleveland Electric   Commonwealth Edison   Connecticut Yankee   Duke Power   Duquesne Light Co.   Entergy   Florida Power & Light   Georgia Power Co.   Houston Lighting & Power   Illinois Power Co.   Japan Atomic Power Co.   Kakima Nuclear Power Plant JV   Kansai Electric Power Co.   Nippon Nuclear   North Atlantic   Northeast Utilities   Pacific Gas & Electric   PECO Energy Co.   Portland General Electric   Public Service Electric & Gas   South Carolina Electric & Gas   Southern California Edison   Southern Nuclear Operating   Texas Utilities   Tohoku Electric Power   Tokyo Electric Power Co.   TVA   Virginia Power Co.   Washington Public Power   Westinghouse   Wolf Creek Nuclear   Yankee Atomic Electric Co.
<b>Retail/Hospitality</b>	Graeter's Ice Cream   Joe's Stone Crab   Krispy Kreme Donuts   TK Maxx
<b>Special Interest</b>	1996 Olympic Games-Atlanta   The Arrowhead Pond of Anaheim   Busch Gardens   Chicago Housing Project   Les Fontaines Retirement   Lotus Development Day Care Center   Public Broadcasting Services-Malta   Raytown Parks & Recreation   Reliance Petroleum Co., India   Rotterdam Harbor   Royal Caribbean Cruise Lines   Sea World   Walt Disney Attractions



## Quotes

**"The HandPunch has saved me a lot of time, effort and inaccuracies."**

-Adam Wyse, Don Carter All-Star Lanes

**"The HandPunch was the solution to our problems."**

-Aida Garcia, FirstBank, Puerto Rico

**"We can do our payroll in no time now."**

-Judy Goupee, Joe's Stone Crab



**Central Time Clock**  
Since 1931

Call (718) 784-4900  
centraltimeclock.com