

# HANDPUNCH 2000/3000

## TIME & ATTENDANCE TERMINAL



Put your hands on the accurate, affordable solution.

- ▶ *Saves money over card-based systems*
- ▶ *Provides the most accurate time and attendance solution available*
- ▶ *Fast and easy to use*
- ▶ *Eliminates badges*
- ▶ *Eliminates buddy punching*

Recognition Systems, Inc. now brings the accuracy and convenience of biometric technology easily within reach of most time and attendance applications. In operations that range from coal mines to clean rooms, RSI systems have proven themselves to be a practical and precise solution. Our terminals are so affordable, it doesn't make sense to consider any other technology.

### **Smarter than card-based terminals**

There are no cards to create, administer, carry -- or lose. The HandPunch verifies employees' identities in less than one second, based on the unique size and shape of their hands.

HandPunch clearly notifies each user of a match using red and green indicator lights. Because no one can punch

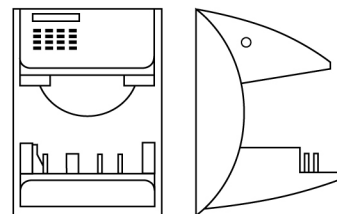
in or out for your employees, the system reduces time theft and improves payroll accuracy.

### **Versatile and Programmable**

Beyond a simple time clock, the HandPunch 2000 and 3000 provide definable data management keys that allow data collection when employees punch. The systems transmit data to the time and attendance host PC through a variety of options, depending on the model. Model differences let you tailor the right system for your company's size and needs.

*When you want to cut time and attendance costs...do it by hand.*





## Hand Geometry Technology

The HandPunch 2000 and 3000 use RSI's field-proven hand geometry biometric technology. The terminal captures a three-dimensional image of the hand each time the employee punches. The hand's size and the shape are used to verify their identity with unparalleled accuracy. No fingerprints or palm prints are utilized. Green and red lights notify the employee of the status of each punch. There's no question any more; employees have to be there to punch.

## Programmable Data Management Keys

The HandPunch 2000 and 3000 have two user-definable data management keys that let you collect data as employees punch. Common uses include department transfers, tips collected, job codes, or pay codes. Multi-level data entry sequences may be defined. You can also set the data management keys to allow employees to review their past punches. To reduce keystrokes, the keys can also be set to automatically enter data such as a frequently used department number or in/out status.

## SPECIFICATIONS

<b>Size</b>	8.85 in. (22.3 cm.) wide 11.65 in. (29.6 cm.) high 8.55 in. (21.7 cm.) deep
<b>Weight</b>	6 lbs. (2.7 kg)
<b>Power</b>	12-24 VDC or 12-24 VAC 50/60 Hz
<b>Verification time</b>	Less than 1 second
<b>Memory Retention</b>	Up to 5 years via the standard internal lithium battery
<b>Transaction Buffer</b>	5187 transactions.
<b>ID Number Length</b>	1 to 10 digits
<b>Baud Rate</b>	300 - 28.8K bps

### HANDPUNCH 2000

<b>Part Number</b>	HP-2000
<b>Communications</b>	RS-232, 100 foot cable included
<b>User Capacity</b>	512 Users
<b>Options</b>	BB-200 Operational Battery Backup MD-500 High Speed Internal Modem

### HANDPUNCH 3000

<b>Part Number</b>	HP-3000
<b>Communications</b>	RS-485 (4 wire) multiple terminal networking supported RS-232 Serial Printer Support
<b>User Capacity</b>	512 Users standard Internally expandable to 32,512
<b>Door Controls</b>	Door Lock Output Sinks 0-24VDC, 100mA max. Door Switch Monitoring Bell Ring Output Sinks 0-24VDC, 100mA max. Timezones 62 user definable
<b>Options</b>	BB-200 Operational Battery Backup MD-500 High Speed Internal Modem EN-200 Ethernet Communications Module BC-100 Bar Code Reader (Wall Mounted) EM-801 Memory Expansion to 9,728 Users EM-803 Memory Expansion to 32,512 Users DC101P Data Converter (RS232 TO RS485)

## HANDPUNCH 2000

### Communication Options

The HandPunch 2000 connects quickly to the time and attendance PC via a provided 100-foot RS-232 communications cable. An optional dial-up high speed modem is available for remote sites.

## HANDPUNCH 3000

### Communication Options

The HandPunch 3000, designed for larger networked installations, allows multiple units to be connected at a site via RS-485 wiring, an optional Ethernet module, or dial-up modem.

### Edit-at-the-Clock Functions

The HandPunch 3000 allows supervisors to override user restrictions and to input such items as missed punches, planned vacations, sick time, etc. The password-protected mode provides greater supervisor flexibility by lessening the need for computer edits. Audit trails documenting the use of these functions are generated to ensure security.

### Bell Schedules

The bell schedule lets you program the day, time, and duration of a series of bells. The bells can be programmed to signal the beginning or end of a shift, lunch, or break.

### Door Control

The HandPunch 3000 provides the capability to unlock and monitor a door. Global time zones may be used to restrict employee access.

*Note: Some time and attendance software packages may not have implemented all of these features in their system software. Please check with your system vendor for details.*

SMA SOLUTIONS

01/380734 - 01/388116

70/200124

info@smasolution.com

www.smasolution.com

