

# handpunch 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 3000 verifies employees' identities in less than one second, based on the unique size and shape of their hands. The HandPunch 3000 clearly notifies each user of a match using red and green indicator lights. Because no one

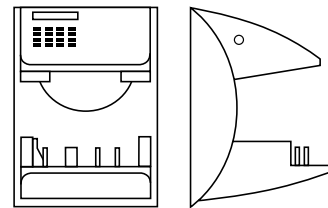
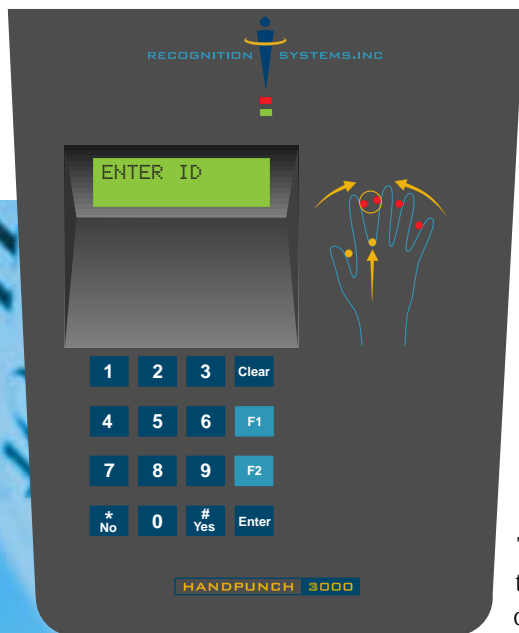
can punch in or out for your employees, the system reduces time theft and improves payroll accuracy.

#### **Versatile and Programmable**

Beyond a simple time clock, the HandPunch 3000 provides definable data management keys that allow data collection when employees punch. The readers transmit data to the time and attendance host PC through a variety of methods including direct wiring, modem, and ethernet. The HandPunch 3000 also has the ability to control a door.

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





## Hand Geometry Technology

The HandPunch 3000 uses 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 3000 has 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.

## Communication Options

Whether your application calls for one terminal or thousands, the HandPunch 3000 can meet the need. Multiple terminals can be networked together at a site via RS-485 wiring. An optional Ethernet communications module or dial up modem are also available. Both options are internal to the terminal making installation fast and simple.

## Edit-at-the-Clock Functions

The HandPunch 3000 allows supervisors to override user restrictions and to input such items as missed punches, planned vacations, and sick time at the terminal. 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.*

## specifications

<b>Part Number</b>	HP-3000
<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
<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)

Specifications subject to change  
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