HandPunch® *3000*

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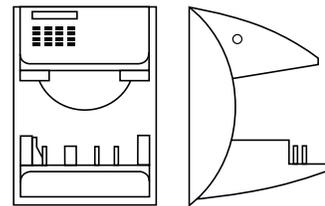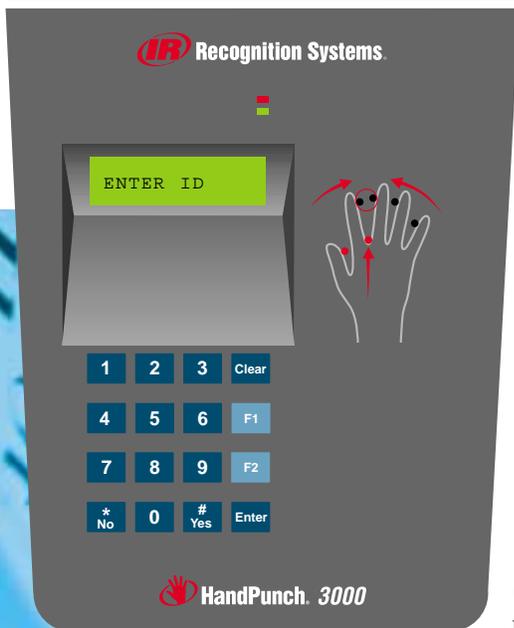 red and green indicator lights. Because no one can punch in or out for your employees, the system reduces time theft and improves payroll accuracy.

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.

Recognition Systems®

ENTER ID

1	2	3	Clear
4	5	6	F1
7	8	9	F2
*No	0	#Yes	Enter

HandPunch® 3000

SPECIFICATIONS

Part Number	HP-3000
Size	8.85 in. (22.3 cm.) wide 11.65 in. (29.6 cm.) high 8.55 in. (21.7 cm.) deep
Weight	6 lbs. (2.7 kg)
Power	12-24 VDC or 12-24 VAC 50/60 Hz
Verification time	Less than 1 second
Memory Retention	Up to 5 years via the standard internal lithium battery
Transaction Buffer	5120 transactions
ID Number Length	1 to 10 digits
Baud Rate	1200 – 28.8K bps
Communications	RS-485 (4 wire) multiple terminal networking supported RS-232 Serial Printer Support
User Capacity	512 Users standard Internally expandable to 32,512
Door Controls	Door Lock Output Sinks 0-24VDC, 100mA max. Door Switch Monitoring Bell Ring Output Sinks 0-24VDC, 100mA max. Timezones 62 user definable

Options

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
DC-102	Data Converter (RS232 TO RS485)

Specifications subject to change
HandPunch® is a registered trademark of Recognition Systems, Inc.

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.

IR Recognition Systems®

1520 Dell Avenue / Campbell, California 95008 USA / Tel: 408.341.4100 / Fax: 408.341.4101 / Email: RSIsales@irco.com / Website: www.handreader.com