

## HandPunch 3000

- No Badges required
- Eliminates Buddy Punching
- Fast and Easy to Use
- Low heat/power consumption
- Hand geometry technology for harsh environments
- Network-able
- Modem dial-up available
- Can be combined with SonicPoint and/or SonicClock terminals



HandPunch by Recognition Systems, Inc.

### Versatile and programmable

Programmable beyond a simple time clock, the HandPunch 3000 provides 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.

### Hand Geometry Technology

The HandPunch® 3000 uses Ingersoll Rand Recognition Systems' 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 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. Multilevel 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.

*continued on reverse*

## HandPunch 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 to 24 VDC or 12 to 24 AC 50-60 Hz, 7 watts

### Operating Environment:

- 32°F to 113°F (0°C to 45°C)
- Relative Humidity: 20% to 80% N
- Non-operating (storage) 14°F to 140°F (-10°C to 60°C)
- Relative Humidity: 5% to 85% N

### Verification Time:

- Less than one second.

### Memory Retention:

- Up to 5 years via the standard internal lithium battery.

### Transaction Storage:

- 5120 transaction.

### ID Number Length:

- 1 to 10 digits from keypad or card.

### User Capacity:

- 512 user

### Template Size:

- 9 bytes

### Communications:

- RS-485 (4 and 5 wire)
- RS-232 Serial Printer Support or Network Communications

### Baud Rate:

- 300 to 28.8 Kbps

### Options:

BB-200 - Operational Battery Backup