



Recognition Systems

HandPunch® 2000

Biometric Time & Attendance Terminal

Put your hands on the accurate, affordable solution.

Ingersoll Rand Recognition Systems now brings the accuracy and convenience of biometric technology easily within reach of any time and attendance applications. In operations that range from coal mines to clean rooms, Ingersoll Rand Recognition 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® 2000 verifies employees' identities in less than one second, based on the unique size and shape of their hands. The HandPunch 2000 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

Programmable beyond a simple time clock, the HandPunch 2000 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. When you want to cut time and attendance costs...do it by hand.



FEATURES & BENEFITS

- Saves money over card-based systems
- Eliminates Badges
- Eliminates Buddy Punching
- Fast and easy to use
- Provides the most accurate time and attendance solution available

Hand Geometry Technology

The HandPunch® 2000 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 2000 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

The HandPunch 2000 connects quickly to the time and attendance PC via a provided 50-foot RS-232 communications cable. An optional dial-up high speed modem is available for remote sites.



SPECIFICATIONS

Part Number:	HP-2000
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 VAC 50-60 Hz, 7 watts
Environment:	Operating: 32°F to 113°F (0°C to 45°C) Relative Humidity: 20% to 80% NC Non-operating (storage): 14°F to 140°F (-10°C to 60°C) Relative Humidity: 5% to 85% NC
Verification Time:	Less than one second
Memory Retention:	Up to 5 years via the standard internal lithium battery.
Transaction Storage:	5120 transactions
ID Number Length:	1 to 10 digits from keypad or card
User Capacity:	512 users
Template Size:	9 bytes
Communications:	RS-232, 50 foot cable included
Baud Rate:	300 to 28.8 Kbps
Options:	BB-200 Operational BatteryBackup MB-500 Internal 14.4 Baud Dial-up Modem
	WAR-EXT 1 year extended warranty

Ingersoll Rand
Recognition Systems
1520 Dell Avenue,
Campbell, CA 95008
Tel 408.341.4100
www.recognitionssystem.ingersollrand.com