

HandPunch® 4000

TIME & ATTENDANCE TERMINAL



Full function time & attendance ... at the palm of your hand.

The HandPunch 4000 brings the flexibility of a full function time and attendance terminal together with the sophistication of the most accurate identification technology available. Using RSI's field-proven hand geometry biometric technology, the HandPunch 4000 uses the size and shape of your employee's hand to verify their identity each time they punch. No fingerprints or palm prints are utilized.

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**
- **Complete flexibility through 10 data management keys**
- **Reduces supervisor workload**

Features and Options:

10 Programmable Data Management Keys

Ten user-definable data management keys let you collect data as employees punch. Common data collection uses include department transfers, tips collected, job codes, or pay codes. The keys can also be defined to allow employees to review punches or find out about their schedules, vacation time accumulated, hours worked, and other programmed information. To reduce keystrokes, the keys can also be set to automatically enter data such as a frequently used department number or in/out status.

Other data management key features include

- Employee messaging
- Review of employee information fields
- Validation tables to ensure proper data entry
- Restrict employee access to specific data management keys
- User defined prompts
- Multi-level input sequence definable per key
- Decision menus to minimize keystrokes



Schedules by Employee

Employee schedules may be downloaded to the HandPunch 4000 to restrict the times that an employee can punch. This can reduce unauthorized overtime as well as early "in" punches. A separate schedule can be defined for each employee providing the ultimate in flexibility.

Communications and Networking

Whether your needs are to network two terminals or thousands, the HandPunch 4000 can be configured to meet your needs. Standard RS-485 communications make networking terminals easy and reliable. Options include an Ethernet Communications Module and a high speed internal modem for remote sites. Each unit also provides RS-232 serial printer support.

Edit-at-the-Clock Functions

The HandPunch 4000 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 timezones 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

Part Number:	HP-4000
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 14°F to 140°F (-10°C to 60°C) non-operating/storage 32°F to 113°F (0°C to 45°C) operating 5% to 85% non- operating/storage 20% to 80% operating
Verification Time:	Less than one second
Memory Retention:	Up to 5 years via the standard internal lithium battery.
Transaction Storage:	7680 transactions
ID Number Length:	1 to 10 digits from keypad or card
User Capacity:	530 users expandable to 3,498 users
Template Size:	9 bytes
Communications:	RS-485 (4 and 2 wire) RS-232 Serial Printer Support or network communications
Baud Rate:	300 to 28.8 Kbps
Card Reader Input:	Proximity, Wiegand, Magnetic Stripe, Bar Code (5 VDC provided by HandReader)
Card Reader Output:	Wiegand, Magnetic Stripe, Bar Code
Data Management Keys:	10 keys, user definable Supports: Validation tables Employee information fields, 24 max Multi-level prompting Key restriction by employee Decision Menus Punch Review
Employee Messaging:	32 characters per message per employee
Employee Name:	16 characters
Employee Schedules:	Schedules definable for each employee
Internal Barcode Reader:	Code 39 Interleaved 2 of 5
Door Controls:	Bell Ring output, Door Switch input, Door Lock output.(open collector, 5 VDC present, sinks to ground, 100 mA max)
Options:	BB-200 Operational Battery Backup BC-100 Bar Code Reader Wall Mount DC-102 Data Converter (RS-232 to RS-485) EM-801 Memory Expansion - 9,728users EM-803 Memory Expansion - 32,512users EN-200 Ethernet Communications Module MD-500 High Speed Internal Modem

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Specifications subject to change*