IR Recognition Systems ®

HandPunch® *3000*

TIME & ATTENDANCE TERMINAL

Put your hands on the accurate, affordable solution.

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.

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

Features and Options:

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 toallow employees to review their past punches. To reduce keystrokes, the keys can also be setto automatically enter data such as a frequently used department number or in/out status.

Communication Options

Whether your application calls for one terminal orthousands, 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 bellscan 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-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 VAC 50-60 Hz, 7 watts14¼F to 140¼F (-10¼C to 60¼C) non-operating/storage32¼F to 113¼F (0¼C to 45¼C) operating5% to 85% non-operating/storage20% to 80% operating
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 expandable to 32,512 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
Duress Code:	1 leading digit (user definable)
Door Controls:	Bell Ring output, Door Switch input, Door Lock output.(open collector, 5 VDC present, sinks to ground, 100 mA max)
Time Zones:	62 user definable time zones
Options:	BB-200 Operational Battery BackupBC-100 Bar Code Reader Wall MountDC-102 Data Converter (RS-232 to RS-485) EM-801 Memory Expansion - 9,728 users EM-803 Memory Expansion - 32,512 users EN-200 Ethernet Communications Module MD-500 High Speed Internal Modem WAR-EXT 1 year extended warranty

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Security & Safety
Proven Source. Proven Solutions.™