HandPunch® 3000 Modem
Biometric Time & Attendance Terminal

Put your hands on the accurate, affordable solution.

Schlage 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, Schlage 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 Modem verifies employees' identities in less than one second, based on the unique size and shape of their hands. HandPunch 3000 Modem 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 3000 Modem 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.

Modem Connection

Schlage HandPunch 3000 Modem biometric system comes standard with 14.4K Internal Modem card pre-installed

Features and 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 3000 uses Schlage's field-proven hand geometry biometric technology. The terminal captures an 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 timezones may be used to restrict employee access.

Antimicrobial Protection
Every HandPunch contains a silver-based antimicrobial agent, which is embedded into the materials used to produce the platen, providing a finish that inhibits the growth of a broad spectrum of bacteria, mold, and fungi and remains active for the life of the HandPunch.

Hand Outline
The HandPunch comes standard with a blue hand outline printed on the platen. This hand outline will help new users place their hand accurately on the platen when using the terminal and decrease initial enrollment time.

Specifications

Part Number	HP-3000 Modem
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 t o 60°C) Relative Humidity: 5% to 85% NC
Verification Time	Less than one second
Memory Retension	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 with field upgrade up to 32,512 users Memory module upgrade up to 259,072 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
Door Controls	Door Lock Output (Sinks 0-24VDC, 100mA max) Door Switch Monitoring Bell Ring Output (Sinks 0-24VDC, 100mA max)
Time Zones	62 user definable time zones
Options	BB-250 Operational Battery Backup BC-100 Bar Code Reader Wall Mount DC-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 Internal 14.4 Baud Dial-up Modem WAR-EXT 1 year extended warranty