



### 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

A BioCote® antimicrobial agent containing silver is applied to the platen of the HandPunch during its manufacturing process. The BioCote® silver-based additive remains active for the life of the HandPunch reader. This high-tech agent provides a durable and safe finish that makes the platen's surface cleaner and more hygienic.

### 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

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 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: 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-200 Operational Battery Backup  
BC-100 Bar Code Reader Wall Mount  
DC-102 Data Converter  
(RS-232 to RS-485)  
EM-801 Memory Expansion -  
9,728 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

HandPunch® is a registered trademark of Schlage. Specifications subject to change.  
Please check with your system vendor for details.

