



Handkey® II



Pictured: Handkey II

The Handkey® II biometric reader from Schlage utilises field-proven hand geometry technology. It maps and verifies the size and shape of a person's hand in less than one second and allows access only to authorised people without the hassle of using a card or key.

Schlage biometric solutions bring the true security and convenience of biometric technology to any access control application. The Handkey® II can be used as a stand-alone unit or as part of a networked system. Tens of thousands of Handkeys are already installed in applications that range from universities and day care centres to airports and prisons. Users appreciate how easy the system is to use and the convenience of not having to keep track of a credential.

Features

- Saves money over card-based systems.
- Fast and easy to use.
- Increases convenience by eliminating cards.
- Integrates into existing systems.
- Activity, user and system reports can be easily generated.
- Field-proven hand geometry technology.
- Stand-alone, Wiegand or network capability.
- Integrated proximity and smart card reader options.
- Indoor and outdoor versions available.
- Optional Windows-based, networkable access control software.
- Bio Cote antimicrobial agent is applied to the platen of each unit.
- Memory expansion from 512 (standard) to 32,512 users.
- 62 user definable time zones.
- Each HandKey II is a complete door controller providing door lock operation, request for exit, and alarm monitoring.
- All information including biometric data and decision-making capability resides locally. This ensures your doors are secure and will continue to operate properly even if all communications to the main access control computer are lost.
- Schlage Recognition Systems' HandNet for Windows software links a virtually unlimited number of HandKey units into an integrated door access control system.
- All alarms and transactions report back in real time to the central computer.
- The central computer handles all hand template management automatically, allowing supervised enrolment at any reader and system-wide deletions.
- Stand-alone operation lets you provide security to a single door at an affordable price.

Specifications

Size	296mm Height x 223mm Width x 217mm Depth
Weight	2.7kg
Power	12 to 24 VDC or 12 to 24 VAC 50-60 Hz, 7 watts
Environment	Operating: 0°C to 45°C Relative Humidity: 20% to 80% Non Condensing Non-operating (storage): -10°C to 60°C Relative Humidity: 5% to 85% Non Condensing
Verification	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	Request to Exit input (switch or keypad), Door Switch input, Door Lock output. (open collector, 5 VDC present, sinks to ground, 100 mA max)
Alarm Monitoring	Tamper, Door Forced, Duress. There are a variety of monitoring options
Time Zones	62 user definable time zones Unlimited holidays
Auxiliary Outputs	3 user definable (open collector, 5 VDC present, sinks to ground, 100 mA max)
Auxiliary Inputs	2 user definable (open collector, 5 VDC present, sinks to ground, 100 mA max)
Options	BB-200 Operational Battery Backup CR-2 Magnetic Stripe Card Reader DC-102 Data Converter EM-801 Memory Expansion: 9,728 users EM-803 Memory Expansion: 32,512 users EN-200 Ethernet Communications Module KP-201 Auxiliary Keypad PROX HID Proximity Reader