HandKey® II

The no-compromise security solution is at hand.

▶ *REAL security*

▶ *Saves money over card-based systems*

▶ *Fast and easy to use*

▶ *Increases convenience by eliminating cards*

▶ *Integrates into existing systems*

▶ *Field proven reliable technology*

Recognition Systems, Inc. brings the true security and convenience of biometric technology easily within reach of most access control applications. The HandKey II utilizes field-proven hand geometry technology that maps and verifies the size and shape of a person's hand all in less than one second.
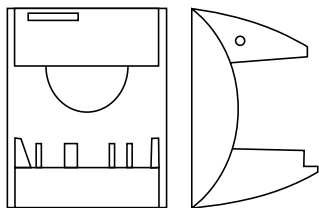
The benefits of biometric security were once reserved for high-security applications, but the HandKey II changes that. Tens of thousands of HandKeys are already installed in applications that range from health clubs and day care centers to laboratories and prisons. Its ease of use and reliability have made the HandKey the biometric standard for the access control industry. The lower cost of the HandKey II now makes the choice even easier.

Real security at a reasonable price

The HandKey II provides the security and convenience you need at a price you can afford, even when compared to card-based systems. Because your hand is your card, HandKey II allows access only to authorized people without the hassles of a card or key. By eliminating cards, you reduce administrative costs while greatly increasing the level of security. Users appreciate the convenience of never worrying about keeping track of a card or key.

Door control and monitoring

The HandKey II's design provides the ultimate in system reliability. 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.

Features of the HandKey II include:

▶ Door operation and monitoring
▶ Card reader input
▶ Request for exit
▶ Tamper switch
▶ Memory expansion from 512 (standard) to 32,512 users
▶ RS-232 printer output

▶ Stand alone or networked operation
▶ Card reader emulation mode
▶ Integrated wall mount design
▶ Multiple auxiliary inputs and outputs
▶ 62 user definable time zones
▶ Outdoor version available
▶ Optional modem or Ethernet module

Stand-alone or fully integrated

Systems can be as simple as one unit on the computer room door to hundreds of units networked together. The HandKey II's card reader emulation mode makes adding it to existing access control systems fast and easy. A variety of communications options, including dial-up modems and Ethernet, allows you to design a system that's right for your facilities.

In a network, *(see diagram below)* RSI's 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, making door and alarm monitoring easy and efficient. Activity, user, and system reports can be easily generated. The central computer handles all hand template management automatically, allowing supervised enrollment at any reader and system-wide deletions. An optional internal modem lets you include remote site operations. Ethernet communication is also available.

Door Switch
HandKey II
Door Lock

Stand-alone operation lets you provide true security to a single door at an affordable price.

PC running HandNet for Windows
System Network RS-485, Ethernet, or Modem
Door Switch — Door Lock
Door Switch — Door Lock
Door Switch — Door Lock

SPECIFICATIONS

Part Number	HK-2
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)
Verification time	Less than 1 second
Template Size	9 bytes
Power	12-24 VDC or VAC
Memory Retention	Up to 5 years via the standard internal lithium battery.
I.D. Number	1 to 10 digits from keypad or card reader
Transaction Storage	5120 transactions, buffered
Communications	RS-485 (4 wire and 2 wire) RS-232 Serial Printer Support or network communications
Baud Rate	1200 to 28.8K bps
User Capacity	512 Users standard Internally expandable to 32,512

Door Controls	Door Lock Output
	    Sinks 0-24VDC, 100mA max.
	Alarm Monitoring
	    Tamper
	    Door Switch
	    Two Auxiliary Inputs
	Three Auxiliary Outputs
	    Sinks 0-24VDC, 100mA max.
	Request for Exit
	    Switch or Keypad

Card Reader Input	Proximity, Wiegand, magnetic stripe, or barcode
Card Reader Emulation Output	Wiegand, magnetic stripe, or barcode
Duress Code	1 digit, user definable
Timezones	62 user definable time zones Unlimited holidays

Selected Options

BB-200	Operational Battery Backup
MD-500	High Speed Internal Modem
EN-200	Ethernet Communications Module
EM-801	Memory Expansion to 9,728 Users
EM-803	Memory Expansion to 32,512 Users
DC-102	Data Converter
KP-201	Auxillary Keypad
PROX	HID Proximity Reader

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