



HandKey® ID3D-R

Biometric Hand Geometry Reader

Nothing is tougher!

At Schlage biometrics we know that every product you specify has to stand up to constant use and abuse. The all-metal HandKeys ID3D-R and ID3D-RW are able to withstand the rigors of daily use and abuse without fail.

Top 10 reasons to select Hand Geometry

FIELD PROVEN RELIABILITY

1. Hundreds of thousands of HandKeys are installed all over the world in diverse applications providing millions of error free transactions every day

CONVENIENCE AND COST SAVINGS

2. Incredibly fast installation & intuitive enrollment increases user convenience
3. Verification in less than 1 second makes it ideal for high throughput applications
4. High product quality + Low maintenance costs = Low total cost of ownership
5. Eliminate the worry of lost, stolen or unauthorized transfer of ID cards plus the cost of purchasing and maintaining these cards

ELIMINATE PRIVACY CONCERNS

6. Hand Geometry technology is well accepted by end users as there are NO fingerprints or palm prints taken and the user does not leave behind any trace of their biometric data

AMAZING VERSATILITY

7. HandKeys can be used as standalone systems to protect critical access points that can be easily integrated into virtually every new or existing access control system in the market today
8. Ability to customize user specific security levels, time zones, holidays and languages based on your needs
9. Optional access control template management software allows the HandKeys to form a system that communicates alarms and transactions in real time, provides activity reports, allows supervised on-site or remote user enrollment and expiring privileges for temporary access
10. Environmental enclosures and integrated heater units make the HandKey an ideal solution for outdoor usage

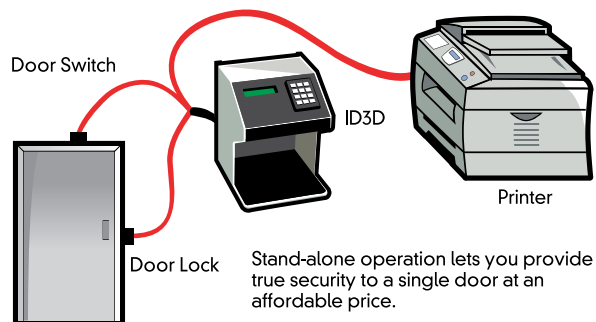


Features and Benefits

- All-metal housing for increased durability and toughness
- Left handed configuration option for drive-through applications and entrance gates
- Recess-mount option for reduced obstruction at high traffic areas
- Convenience of multiple credential options such as magnetic stripe, bar code
- Integrated unit with heater and enclosure makes ID3D-RW ideal for outdoor environments
- Two user definable outputs to connect to auxiliary devices such as audible or silent alarms, door locks or lighting systems

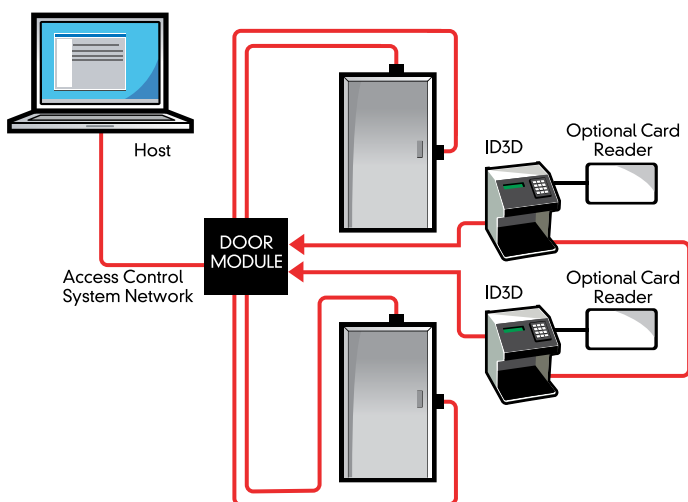
Stand Alone System

The HandKey can operate as a complete stand-alone access control station. Door lock operation and alarm monitoring of the door status is provided. An external alarm circuit is included for operating an audio or visual alarm.



Third Party System Interface

The HandKey can easily be integrated into new or existing third party access control systems using its card reader emulation output. All Wiegand, proximity and magnetic stripe formats can be accommodated. No modifications are needed to the third party system. The HandKeys can be interconnected via RS-485 twisted pair for hand data transfer.



Base Model	ID3D-R / ID3D-RW
Description	HandKey with base memory for 256 users
Verification Time	≤ 1 second for comparison to reference template
ID Number Length	1 – 10 digits
Duress Code	1 leading digit, user definable
Communication	RS232 (Printer output only): Baud rate 300 bps to 19,200 bps RS422: Baud rate 300 bps to 19,200 bps RS485: Baud rate 300 bps to 19,200 bps Optional Ethernet: 10 Base T
Template Size	9 bytes
User Memory	256 users expandable to 27,904 users
Inputs	Standard: 26 bit, 9 bit ID Wiegand Optional: Mag stripe, bar code HandKey Input: Request to Exit, Door switch input, 1 Auxiliary input
Outputs	Door control: Lock output Card reader emulation mode: Wiegand, mag stripe, bar code 1 programmable auxiliary Outputs to peripheral devices: Audible or silent alarms, door locks, lighting systems
Event Monitoring	Tamper: HandKey opened or removed ID refused: User not verified after user definable number of tries exceeded Duress: User entered duress code digit Power failure: HandKey switched to optional battery power
Programmable HandKey Commands	- Add / remove users - Set global operating thresholds - Set individual user data (authority or threshold levels, time zones) - Transmit data from Master to Remote - Data received by Master from Remote - Transmit / receive data from optional software - Check status of door (Tamper, Door monitor switch) - Time zones – 62 total (2 fixed, 60 programmable) - Set language - Set date format, date and time - Edit holidays
Antimicrobial	NA
Blue Hand Outline	NA
Dimensions HxWxD	8.30 in. x 6.50 in. x 7.17 in. (ID3D-R Dimensions) 21.3 cm x 16.5 cm x 18.7 cm (ID3D-R Dimensions)
Power Requirements	12 to 24 VDC or 12 to 24 VAC 50-60 Hz 7 Watts (without options)
Weight	7.2 lbs. (3.3 kgs.) (Without back plate)
Temperature	Operating: 0 deg C to +45 deg C / 32 deg F to 113 deg F Non-Operating (Storage): -10 deg C to +60 deg C / 14 deg F to 140 deg F
Relative Humidity	Operating: 20% to 80% RH Non-condensing Non-operating (Storage): 5% to 85% RH Non-condensing