

SID™ Biometric Fingerprint Theft Deterrent and Anti-Theft Device for Motor Vehicles

SID™ brings a new level of security to your vehicles.

Theft of motor vehicles, of all types, is a large and growing problem throughout the world.

There are many anti-theft and/or theft-deterrent devices for motor vehicles for preventing or thwarting the theft of motor vehicles. These devices may be active or passive and are available in many forms (i.e. steering wheel locks, alarms, hood locks, ignition cut-off devices, etc.). These devices vary from very simple in design to complex designs. All these devices are operated by either something you have, a key, or something you know, a PIN number. The disadvantage of these methods is that keys and remote controls can be lost or stolen and PIN numbers can become known to unauthorized people. Anybody who comes into possession of the key or remote control, or who learns the PIN number can then operate the vehicle.



What is SID™?

SID™ is a secure identification device that uses the latest in biometric fingerprint technology to ensure that only those people whose fingerprints are enrolled in SID™ can start the vehicle.

SID™ does not eliminate your ignition key, it operates in conjunction with it so a person must have their fingerprint enrolled and must also be in possession of the key. This gives you two levels of security, fingerprint and key.

Operation:

Once SID™ is installed on your vehicle only those people who have their fingerprints enrolled will be able to start your vehicle.

SID™ features a valet mode for those times when you need to give access to your vehicle to people who do not have a fingerprint enrolled. Any enrolled user can easily and quickly set and unset valet mode.

The first person enrolled becomes the system manager and is the only person able to enroll and delete users and to set or change the optional four digit PIN code.

Features:

- Easy installation.
- Holds up 21 Fingerprints (1 System Manager, 20 normal users).
- No connection to PC required, all operations are carried out directly on the unit
- Optional PIN code for verification in case of injury or damage to an enrolled finger
- Valet mode
- Can be used on virtually any type of vehicle.
- Easy to operate – no special skills required.
- Manager has complete control of system – enroll/delete users, set and change optional PIN code, reset to factory defaults
- Quick and accurate identification and verification.

Specifications:

Power	12V DC
Sensor	CMOS active-capacitive pixel-sensing technology
Resolution	508 DPI
Grayscale Image Depth	Full 8-bit
Matching Type	1:1 or 1:N
Enrollment Time	2 Seconds (one finger placement)
Identification Time	< 2 Seconds
Verification Time	< 1 second
Electrostatic Discharge Tolerance	IEC61000 +/- 15kV air discharge
False Acceptance Ratio	<0.001%
False Rejection Ration	<0.1%
PIN Code	4 Digits
Operating Temperature Range	-20 to 50 degrees Celsius (-4 to 122 degrees Fahrenheit)
Output Voltage	12V DC.

For further information contact:

SID Protect Inc.

Phone: +1 480 947 3485

eMail: sid@justbiometrics.com

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