

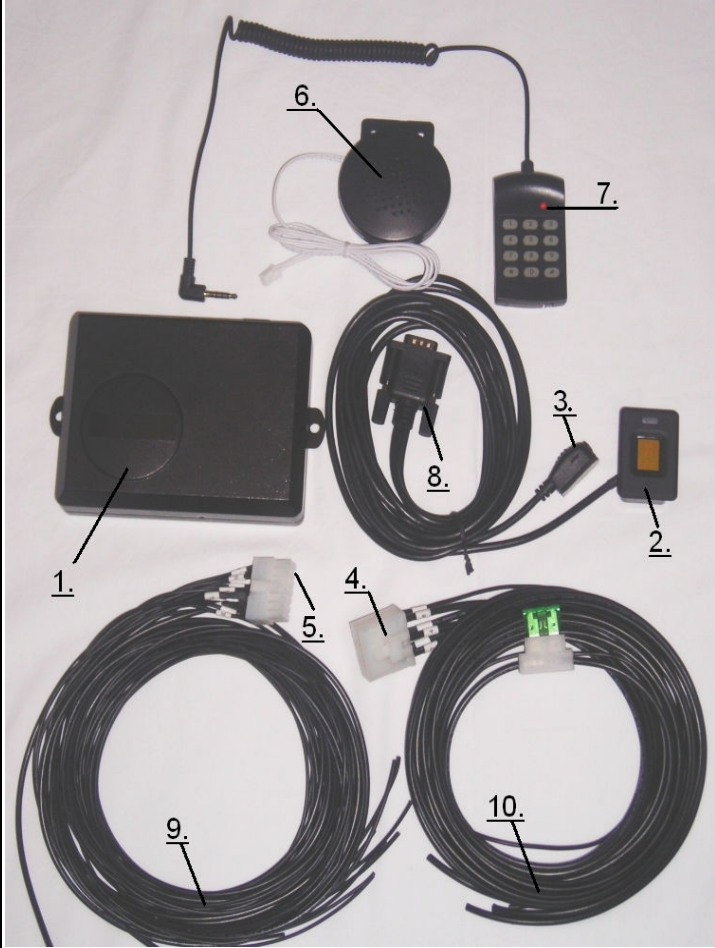


The Fingerprint Automobile Security System is clearly one of the most innovative inventions introduced to Consumers and Businesses based on fingerprint-control technologies available today. This device combines a highly advanced car security control system with the latest advancements in Human Biometrics research and development applications. The company's spotlighted core product is becoming well known as the "Fingerprint Car Starter - Celularm", which is a state-of-the-art product for auto industry. The Fingerprint Car Starter has also been tested and certificated with the **CE-MARK** and **ROHS** certification. This innovative device is being widely distributed and exported globally. It is becoming a standard for Consumers and Businesses for Automobile security and drivers throughout the world.



The basic mechanism of the system, which only allow authorized drivers with enrolled fingerprint to access the system in order to start their cars. The system is also absolutely flexible to be enabled and disable anytime with such fingerprint security function, so you may use only your key to start your car if you want to lend you car someone or send your car to garage. 100% innovative and functional flexible, if anyone try to break in your car without authorized enrolled fingerprint, he can never move your car, any theft attempts to use a copy key to turn on the engine is impossible, any attempt to cut off the power supply will alarm the car immediately. The system is universal for all kinds of different model. It is suitable for application to trucks, SUVs, Bus and Coach, Tractors or Passenger cars of 24V or 12V DC, Diesel or gasoline, Manual or automatic transmission.

Standard Package (1 set)			
Width (cm)	Depth (cm)	Height (cm)	Net Weight (KG)
18.75	17.80	10.13	1.50
Master Carton (12 sets)			
Width (cm)	Depth (cm)	Height (cm)	Net Weight (KG)
36.70	35.60	30.40	16.00



	COMPONENT		SPECIFICATION
1.	Main Host	a.	Rated current of mainframe: 12V DC
2.	Fingerprint Enroller	b.	Rated current of mainframe in standby status < 20mA
3.	Keypad Password Controller Insert	c.	Rated current of mainframe in starting status is 150mA
4.	Steering Wire Insert	d.	Rated current of mainframe in the status of voice is 100mA
5.	Power Wire Insert	e.	Max. capacity of relay working mainframe > 40A
6.	Speaker	f.	Max. power for normal working is less than 24W
7.	Keypad Password Controller	g.	Normal working temperature: -45 to + 85 degrees Celsius
8.	Fingerprint Enroller / Keypad Insert	h.	Relative humidity : from 5% to 95%
9.	Steering Wire	I.	Atmosphere pressure: 86 ~ 106kpa
10.	Power Wire	J.	Identification speed: less than 0.8 - 2S

Main Function Introduction:


I. Live Fingerprint Identification

System utilizes Biometrics Fingerprint identification technology. This will encode the car security system and starting functions of the vehicle. Only authorized drivers with enrolled fingerprints can start the car engine, or enable and disable the setting of the alarm. The system is prevents alarm decrypting. The Fingerprint Car Starter can store a maximum 9 user's fingerprints, divided into 3 categories, the master driver holds 1 password that can easily enroll or delete records to adjust users. This enables applications for friends, family, or fleet management to manage the vehicle.

II. Automatic Engine Starter

Inserting a car key or using keyless ignition devices is useless unless fingerprint recognition is initiated. If someone attempts to start the vehicle by inserting the car key into the ignition switch and turning to the "ON" position, they must input the correct authorized fingerprint, and the car will start within 0.8 seconds.

III. Quick Alarming:

Under the circumstances that any unauthorized person  breaks in the vehicle, or unlocks it without permission of the system owner, the car will alarm immediately. Without the correct fingerprint verification, the Quick Alarming function will prevent vehicle ignition and stop fuel supply to the engine. The car will never be started without the correct fingerprint input.

IV. Enable and Disable the Alarm Function:

The system utilizes a password controller that will verify the "Master Driver" of the vehicle. Only the master user can enable and disable the alarm functions by using the password controller. The valet mode which is under the "Deactivated Alarm Status", allows the master user to lend the vehicle to a friend or leave the car with the mechanic or check it in for a simple oil change procedure. By accessing the correct password, vehicle owner can easily enroll or delete fingerprint records to adjust users. All the input setting is guided by voice instruction or keypad.

V. Flexible Storage Memory Function:

By following the device's voice instruction guidance, The Fingerprint Car Starter can store a maximum of 9 user's fingerprints of authorized drivers, divided into 3 categories; the master driver who holds 1 password can easily enroll or delete records to adjust users. This makes the Fingerprint Car Starter is great for friends, family, or fleet management purposes.

IV. Product Upgrade Functions:

The system of The Fingerprint Car Starter can be upgraded upon request. For example, the number of users / fingerprints' in the memory storage can be increased or decreased at anytime for fleet management or Business purposes. This allows specific customization for the system. Subsequently, the extended upgrade functions can also limit the time of the validity of fingerprints. For example, for car -rental purposes, the product can be set for "number of days or hours of validity", specifically for the customers who rent the vehicle within a certain length of the time for rental.