



VEHICLE CENTRAL LOCKING SYSTEM

Keyless Entry | Remote Control | Anti-Theft Security

Model: EV-CCS-01

Operating Voltage
DC 12V

Frequency
433.92 MHz

Remote Range
50~150 m

Certification
CE / FCC / RoHS

PRODUCT OVERVIEW

The EV-CCS-01 is a universal vehicle central locking system providing keyless entry and anti-theft security for 12V automotive applications. A single press on the 4-button remote key fob locks/unlocks all doors, releases the trunk, and helps locate your vehicle. The system supports automatic window roll-up, hazard-light confirmation, and integration with external alarm sirens and shock sensors. Built with industrial-grade ABS housing and rolling-code RF technology, it delivers reliable long-range operation for passenger cars, SUVs, trucks, commercial fleets, and vintage vehicle retrofits. Manufactured by Suzhou Shengxin Electronic Technology Co., Ltd -- your trusted partner in automotive electronics.

KEY FEATURES

1

Remote Lock / Unlock

Lock or unlock all doors from up to 150 m away with a single button press.

2

Remote Trunk Release

Press and hold the trunk button to pop the boot -- no hands needed.

3

Car Locator

Flashing lights and siren chirp help find your vehicle in crowded lots.

4

Auto Window Roll-Up

21-second timed negative output closes power windows when system is armed.

5

Anti-Theft Alarm

120 dB siren, shock sensor, and door trigger inputs for full perimeter security.

6

Direction Light Flash

Hazard lights flash once on lock, twice on unlock -- clear visual confirmation.

TECHNICAL SPECIFICATIONS

Operating Voltage	DC 12V +/- 2V (9-16V compatible)
Operating Frequency	433.92 MHz (315 MHz available on request)
Static Current	<= 15 mA (excluding LED indicator)
Remote Control Range	50 - 150 m in open area (environment-dependent)
Coding Technology	Learning code / Rolling code (>1 million combinations)
Lock Actuator Output	10 A max (central locking) ; 5 A x 2 (turn signals)
Window Output	Negative trigger, 21-second timed
Operating Temperature	-20 deg C to +85 deg C (automotive grade)
Storage Temperature	-40 deg C to +105 deg C
Remote Battery	CR2032 3V lithium coin cell (1 per remote)
Remote Buttons	4-button: Lock / Unlock / Trunk / Car Finder
Siren Support	120 dB compatible (siren sold separately)
Housing Material	High-impact ABS, IP54-rated control unit
Control Unit Dimensions	~110 x 80 x 28 mm
Gross Weight (full kit)	~1.0 kg
Certifications	CE / FCC / EMC / RoHS compliant
Warranty	1 year manufacturer warranty

PACKAGE CONTENTS

Main Control Unit (ECU)	1 pc
4-Button Remote Key Fobs	2 pcs
Wiring Harness Set	1 set
LED Status Indicator	1 pc
Shock / Vibration Sensor	1 pc
Central Lock Actuators	4 pcs (optional)
Mounting Brackets & Screws	1 set
User Manual (English)	1 pc

FUNCTIONS AT A GLANCE

- ✓ Remote door lock / unlock (all doors simultaneously)
- ✓ Remote trunk / boot release
- ✓ Car locator / vehicle find with hazard light flash
- ✓ Automatic window roll-up output (21 s timed negative)
- ✓ Passive / automatic door locking (configurable on/off)
- ✓ Anti-theft alarm integration -- 120 dB siren support
- ✓ Shock / vibration sensor input for impact detection
- ✓ Door trigger / tamper detection inputs (all doors)
- ✓ LED status indicator output (visual theft deterrent)
- ✓ Turn signal flash confirmation (lock 1x, unlock 2x)

APPLICATIONS & SCENARIOS

Passenger Cars	Universal 12V fit; compatible with OEM electric / pneumatic locks.
SUVs & Crossovers	4-door + tailgate support; multiple bracket options for varied doors.
Trucks & Pickups	Heavy-duty actuator support; extended wiring harnesses available.
Vintage / Classic	Retrofit modern keyless entry into older vehicles without factory CLS.
Commercial Fleets	Bulk deployment; centralized key fob programming for fleet management.
Taxi / Ride-Share	Fast actuation (< 2 s); full-door coverage for safety & convenience.

PRODUCT IMAGES



Main Control Unit & Key Fobs



Wiring Harness & Connectors



HOW TO USE -- Remote Key Fob Buttons

LOCK

Press once: locks all doors, arms security, flashes hazard lights once, and triggers auto window roll-up. The LED indicator starts flashing as a visual deterrent.

UNLOCK

Press once: unlocks all doors, disarms security, flashes hazard lights twice. Interior courtesy lights will illuminate if wired accordingly.

TRUNK

Press and hold for 2-3 seconds to remotely release the trunk/boot latch. Ideal for hands-free access when carrying groceries or luggage.

FIND

Press to activate car locator: hazard lights flash and optional siren chirps help identify your vehicle in crowded or dark parking areas.

INSTALLATION OVERVIEW

- 1 Disconnect the vehicle battery before starting any electrical work.
- 2 Mount the central lock actuators inside each door panel. Use the supplied brackets and screws; connect actuator rods to the existing door lock mechanism.
- 3 Position the main control unit under the dashboard (driver side). Secure with cable ties or self-tapping screws.
- 4 Route the wiring harness: door actuators, turn signal wires, door trigger wires, and 12V constant / ACC / ignition power sources.
- 5 Connect the LED status indicator and mount it visibly on the dashboard top.
- 6 Install the shock sensor on a rigid metal surface near the steering column.
- 7 Reconnect the battery. Pair the remote key fobs according to the user manual.
- 8 Test all functions: lock, unlock, trunk release, car finder, alarm trigger, and window roll-up output. Verify hazard light flash for each action.

CONTACT US

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