



# SPY<sup>®</sup>

AUTO SECURITY

2500m

3500m

1500m

5000m



**CAR ALARM SYSTEM**



# 22 years of manufacturing for auto intelligent electronics

Founded in 1994, Guangdong LFF Technology Co., Ltd. is a professional manufacturer of vehicle security systems, TPMS, and other vehicle electronic products. We are equipped with high speed SMT machine, automatic input line and ICT robot and other top class test machine; Quality control is rigorously carried out in the whole production process. We have passed and approved ISO/TS16949:2000 certificate. Our product has won the market and reputation with unique design and almost perfect reliability in the world that has more than 100 countries and regions, SPY products are CE, E-MARK, FCC and CCC certified.

**Win-win together is our business target! Let go together and get the best tomorrow!**



1994.1 Founded Lianda electronic factory;  
1994.6 Entered into motorcycle accessory market;

2001 Entered into automobile accessory market;

2004 Passed CCC , FCC, CE, E-MARK certificates;

2008.5 Upgraded R&D department to meet the demand;

2010.2 Renamed to Guangdong LFF Security Equipment Co., Ltd.;

2013.5 Renamed to Guangdong LFF Technology Co., Ltd.;

1994

2017

2005.8 Passed SGS ISO /TS 16949 : 2002 certificates;  
2005.12 Awarded as Guangdong High-tech.Enterprise;

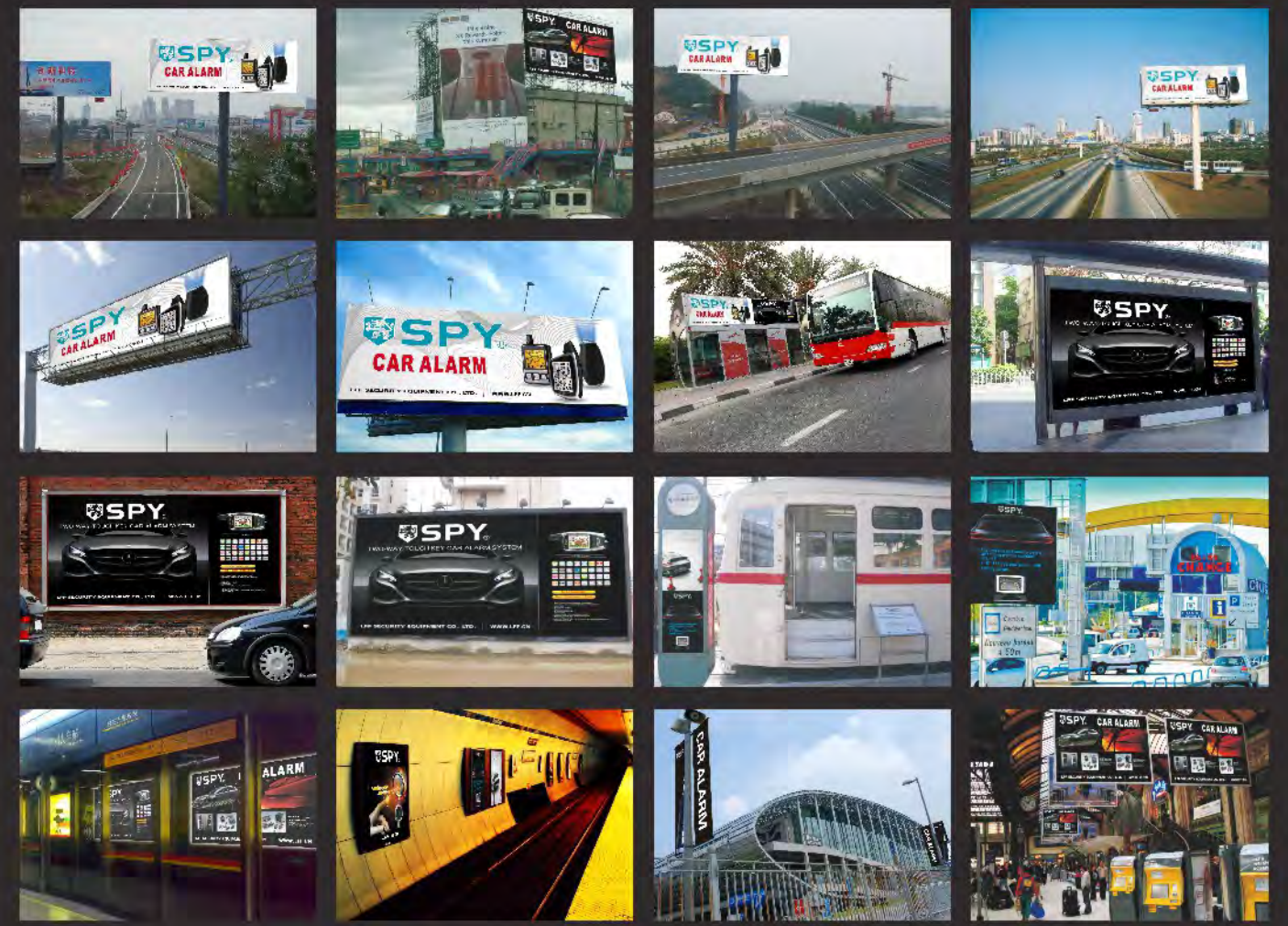
2003 Moved to new factory;  
2003.2 Renamed to Zhongshan LFF Security Equipment Co., Ltd;  
2003.8 Launched car alarm, parking sensor, window closer etc. covering full range of car accessory;

1999 ISO2000 approved;

2009.12 Won the Guangdong Famous Trademark Adwards;

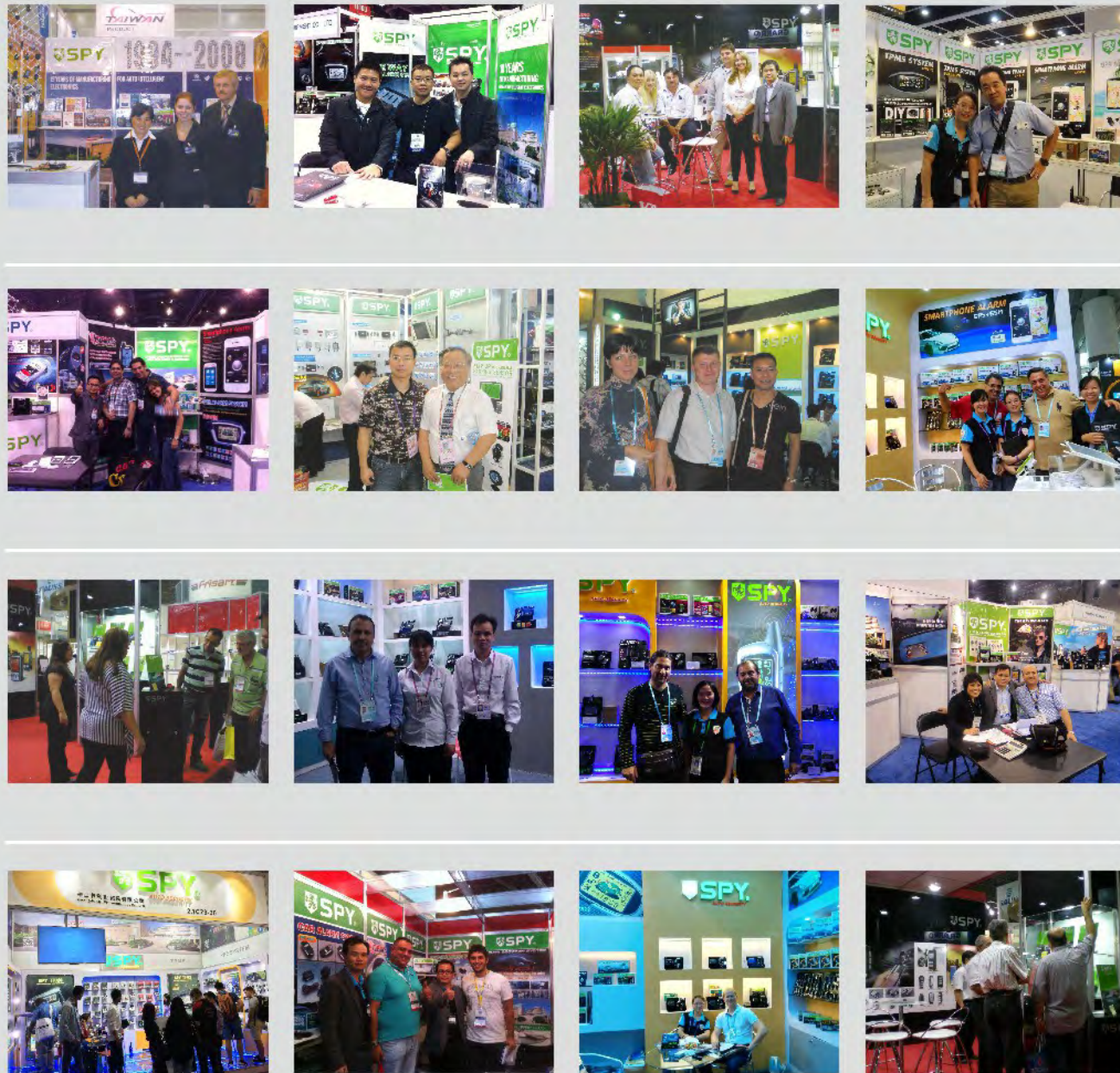
2007 Enterprise Development Strategy & Planing was built up, and the sales target has increasing 50% per year;

We are struggling to serve all customers worldwide...



We treat the quality as the enterprise life.

Create a global brand

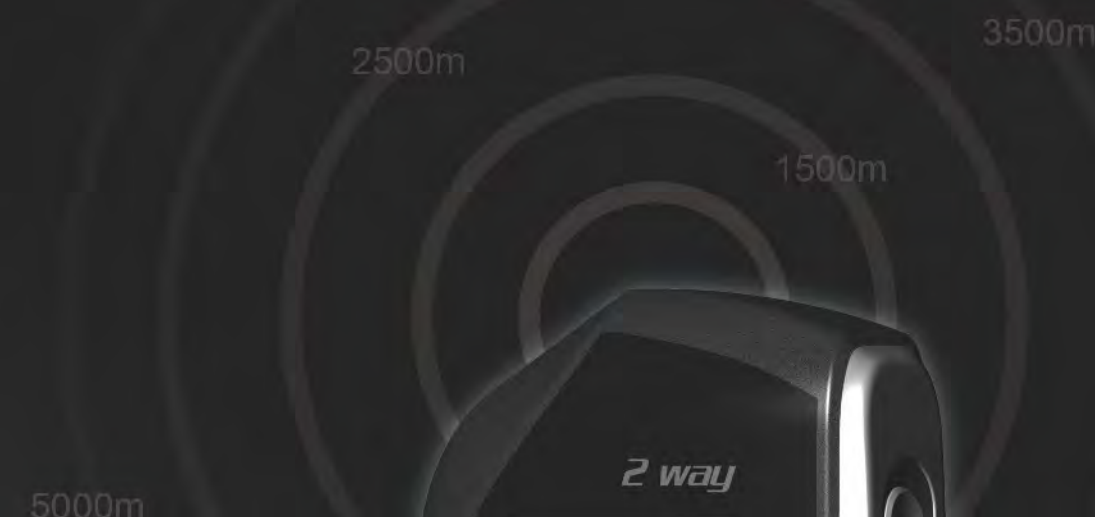


THE FRIENDSHIP START FROM HERE...



# K-Series

- LoRa™ TECHNOLOGY
- SUPER LONGER RANGE



**LT-832K** TWO-WAY LCD CAR ALARM



**LT-826K** TWO-WAY LCD CAR ALARM

- LoRa technology
- Super long remote range up to 3000M
- Super long pager monitor range up to 5000M
- Strong anti-interference
- LCD color changed against different alert
- Electric lock/Pneumatic lock optional
- Window closing / Trunk releasing negative outputs
- Central door lock automation
- Auto-arm (programmable)
- Shock sensor / Anti false alarm
- Shock sensor, Ultrasonic sensors ports connection
- Windows roll up automatically
- Turbo Timer mode optional
- Remote engine start optional



**LT-829K** TWO-WAY LCD CAR ALARM

- LoRa technology
- Super long remote range up to 3000M
- Super long pager monitor range up to 5000M
- Strong anti-interference
- LCD color changed against different alert
- Electric lock/Pneumatic lock optional
- Window closing / Trunk releasing negative outputs
- Central door lock automation
- Auto-arm (programmable)
- Shock sensor / Anti false alarm
- Shock sensor, Ultrasonic sensors ports connection
- Windows roll up automatically
- Turbo Timer mode optional
- Remote engine start optional





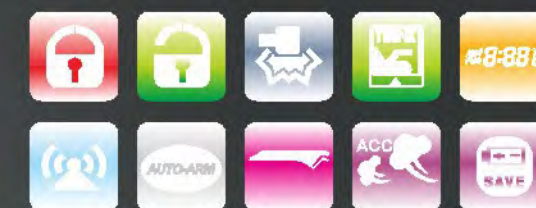
**LT-825K TWO-WAY LCD CAR ALARM**



**ACCESSORIES**



**LT-823K TWO-WAY LCD CAR ALARM**



- LoRa technology
- Super long remote range up to 3000M
- Super long pager monitor range up to 5000M
- Strong anti-Interference
- LCD color changed against different alert
- Electric lock/Pneumatic lock optional
- Window closing / Trunk releasing negative outputs
- Central door lock automation
- Auto-arm (programmable)
- Shock sensor / Anti false alarm
- Shock sensor, Ultrasonic sensors ports connection
- Windows roll up automatically
- Turbo Timer mode optional
- Remote engine start optional







- BIG SIZE LCD SCREEN
- FSK TECHNOLOGY, LONG DISTANCE
- COMPACT AND THINNER

**LT-835C** TWO-WAY LCD CAR ALARM



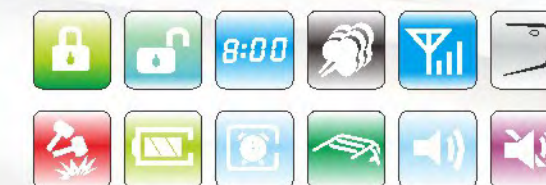
M8  
SPY  
AUTO SECURITY

- BIG SIZE LCD SCREEN
- FSK TECHNOLOGY, LONG DISTANCE
- COMPACT AND THINNER



We lead. Others copy...

**LT-833C** TWO-WAY LCD CAR ALARM



- FSK technology, monitor range up to 3000M
- Big size LCD remote control
- Start with music and vibration reminding
- Sound reminding with a chord of three tones
- Intelligent auto-arm
- Windows roll up automation
- Car status reminding
- Remote alarm mode programmable (vibrating, sound or both)
- Real-time monitoring
- Latest functions setting, handy arming and monitoring
- Keep good performance even under high or low temperature
- Remote start engine optional



**LT-816C TWO-WAY LCD CAR ALARM**

- FSK technology, monitor range up to 3000M
- Big size LCD remote control
- Start with music and vibration reminding
- Sound reminding with a chord of three tones
- Intelligent auto-arm
- Windows roll up automation
- Car status reminding
- Remote alarm mode programmable (vibrating, sound or both)
- Real-time monitoring
- Latest functions setting, handy arming and monitoring
- Keep good performance even under high or low temperature
- Remote start engine optional



**LT-821C TWO-WAY LCD CAR ALARM**



**ACCESSORIES**



**LT-816C TWO-WAY LCD CAR ALARM**

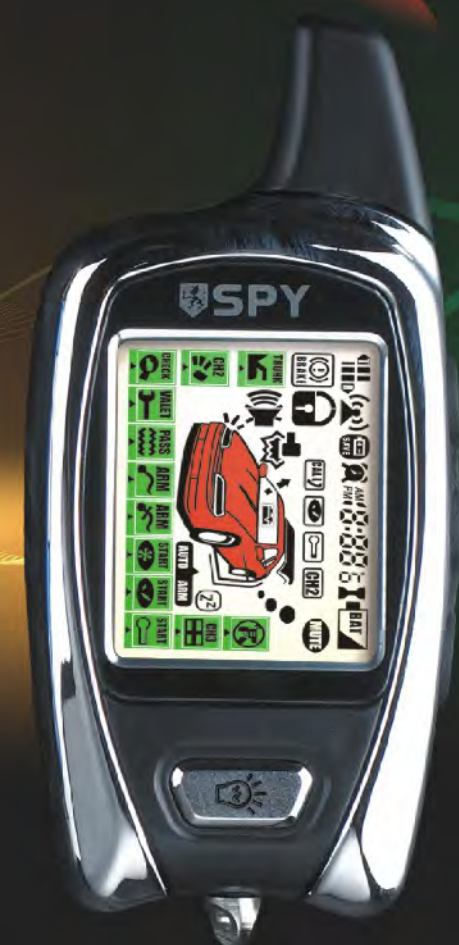
- FSK technology, monitor range up to 3000M
- Big size LCD remote control
- Start with music and vibration reminding
- Sound reminding with a chord of three tones
- Intelligent auto-arm
- Windows roll up automation
- Car status reminding
- Remote alarm mode programmable (vibrating, sound or both)
- Real-time monitoring
- Latest functions setting, handy arming and monitoring
- Keep good performance even under high or low temperature
- Remote start engine optional



**LT-822C TWO-WAY LCD CAR ALARM**

- FSK technology, monitor range up to 3000M
- Big size LCD remote control
- Start with music and vibration reminding
- Sound reminding with a chord of three tones
- Intelligent auto-arm
- Windows roll up automation
- Car status reminding
- Remote alarm mode programmable (vibrating, sound or both)
- Real-time monitoring
- Latest functions setting, handy arming and monitoring
- Keep good performance even under high or low temperature
- Remote start engine optional

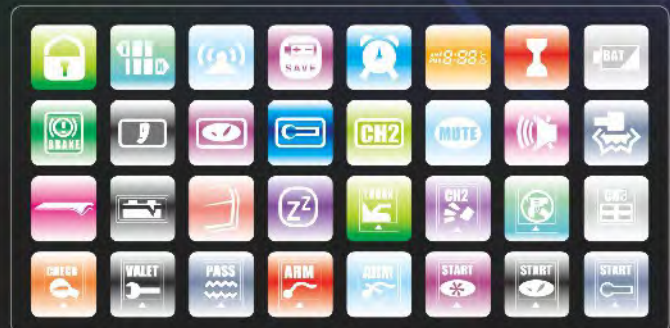




# V-Series

V2-807 TWO-WAY LCD CAR ALARM

- Turbo Protection
- Time / Temperature Start



V2-802 TWO-WAY LCD CAR ALARM

### Colorful Warning Responding



- Emergency disarm
- Valet mode
- Power off memory
- Two stage shock sensor
- Central door lock system function optional
- Auto-arm function optional
- Electrical/pneumatic central locking optional
- Engine protection function
- Trunk detecting
- Unlock double pulsing
- Anti-false trigger alarming
- Learning code
- Auxiliary negative trigger output
- Remote engine start
- Timer engine start
- Temperature sensing engine start



The relentless pursuit of perfection...

# F-Series

Icon illumination displayed in LCD



SET TIME ALARM AUTO-ARM EXT					Characters
					Icon
START 28:8:8V					Time display
					Time display
Arm	Disarm	Alarm with sound and flash	Silent arm	8:00	
Head light flashing	Vehicle hitting	Door opening	Trunk release	Engine start	
Human body or object in vicinity	Signal indication	Power status indication	Alarm dock	8.0V	
Car inside temperature	Timer engine start				

**F10** TWO-WAY LCD CAR ALARM

Colorful Warning Responding



Remote start engine



**F5S** TWO-WAY LCD CAR ALARM

- Time display and alarm clock.
- Multi-color background light on the remote control.
- Big size LCD remote control.
- Voice Reminding with a chord of three tones
- Durable using of battery power.
- Multi-way of alarming (optional) on the remote control.
- Car status reminding
- Intelligent auto-arm
- Real time monitoring
- Long range controlling operation
- Windows roll up automation
- Remote start engine even under high or low temperature



**F8S** TWO-WAY LCD CAR ALARM

- Time display and alarm clock.
- Multi-color background light on the remote control.
- Big size LCD remote control.
- Voice Reminding with a chord of three tones
- Durable using of battery power.
- Multi-way of alarming (optional) on the remote control.
- Car status reminding
- Intelligent auto-arm
- Real time monitoring
- Long range controlling operation
- Windows roll up automation
- Remote start engine even under high or low temperature



LT835C



LT833C



LT832K



LT829K



LT823C



LT825C



LT806



LT819



LT828



LT826K



LT823K



LT825K



LT600



LT700



LT118



LT808



LT816



LT818



LT822



LT821



LT117



LT111



LT113

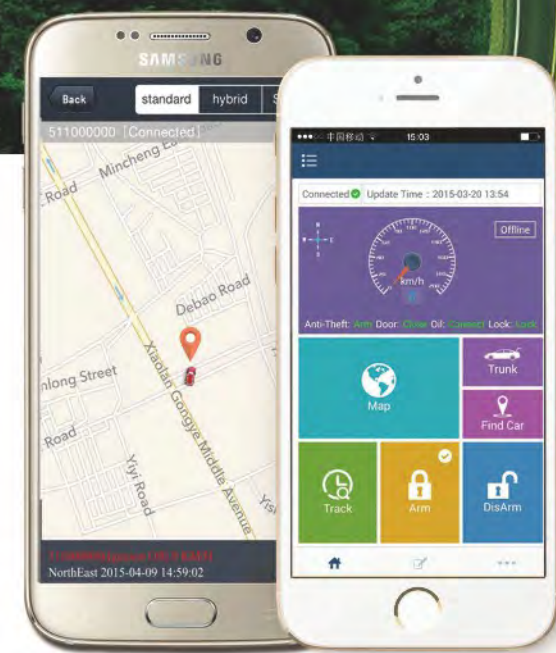


LT802

SPY LC668, illegal door opening alarm, 0 KM/H,  
2015-04-09, 15:04:10,  
<http://a.9igps.com/?p=+22.59485,+113.25590>

## GPS TRACKING SYSTEM

SPY LC668, illegal door opening alarm, 0 KM/H,  
2015-04-09, 15:04:10,  
<http://a.9igps.com/?p=+22.59485,+113.25590>



### LC668 GSM+GPS CAR ALARM

- Three ways communication control
- GSM/Bluetooth/ RF
- Remote start, remote trunk release, GSM position; driving monitoring
- Car status inquiry by mobile, operation system protected with password
- With backup battery
- Multiple cars controlled by one operation system
- Audio monitoring inside the car by mobile phone



### LC630 GSM+GPS CAR ALARM

- SMS/GPRS control
- Compatible with iOS/Android/Windows phone operation system
- Position query, Google map real time monitoring
- Power supply cut off reminding by SMS
- Central locking by speed (over 20Km/h)
- Engine immobilized by mobile operation Interface
- Password protection. Three alarm mobile numbers. SOS function
- Compatible with original car remotes
- Built-in shock sensor
- Built-in battery (3.7V, 450mAh)

# ONE TOUCH PUSH BUTTON SYSTEM

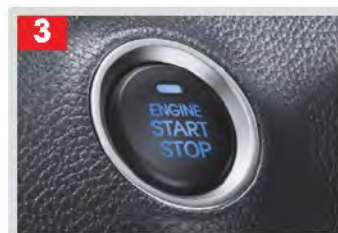
ITEM NO.:LA5

- ▶ Engine **START**
- ▶ Engine **STOP**



For TOYOTA/HONDA/NISSAN

- Push Engine Start
- Remote Engine Start
- Digital Remote Control
- Keyless Engine Start
- Passive Keyless Entry
- Open Door Warning
- Door Handle Switch



LT509



LT451



LT329



LT200



LT558



SW110



SW111



SW112



SW212



SW113

## PKE




ITEM NO.:LA3

- Basic car alarm function with PKE function
- Lock/unlock automation
- Identify remote automation
- PKE anti-hijacking automation
- PKE sensing and remote lock/unlock automatically
- PKE function ON/OFF by transmitter



# RFID CAR ALARM SYSTEM

Concealed Installation

Smart Key



### RFID900

- Concealed installation
- Anti decoding
- Immobilize automatically
- Status preserving
- Rearming automatically
- Alarm for illegal ignition
- Valet mode for car maintenance

### RFID CAR ALARM SYSTEM



Feel Technology Enjoy life



### IM100

Quick interactive authorization

### IM101

Quick interactive authorization  
coupling with remote car start module



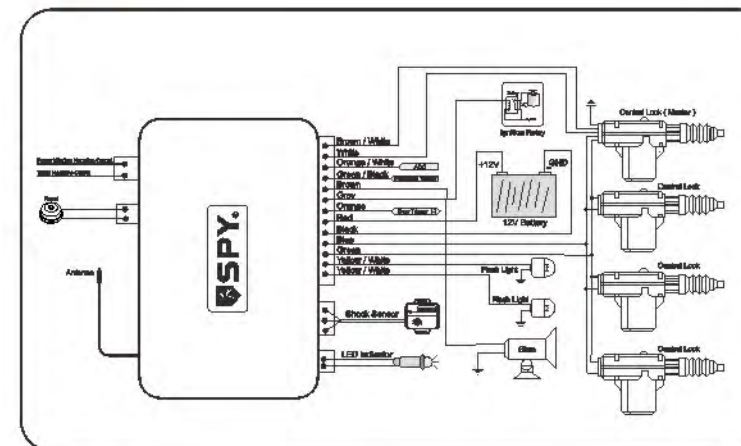
No.	Function	Item NO.		No.	Function	Item No.	
		IM100	IM101			IM100	IM101
1	Alarming Function	✓	✓	6	Anti-Hijacking disable	✓	✓
2	Anti-Hijacking	✓	✓	7	Anti-Hijacking workable	✓	✓
3	Code Learning Mode	✓	✓	8	Accelerometer Sensor Function		✓
4	Password setting mode	✓	✓	9	Central Door Lock System Automation		
5	Service Mode	✓	✓	10	Door detecting		

# Classical Car Alarm System



## EA106

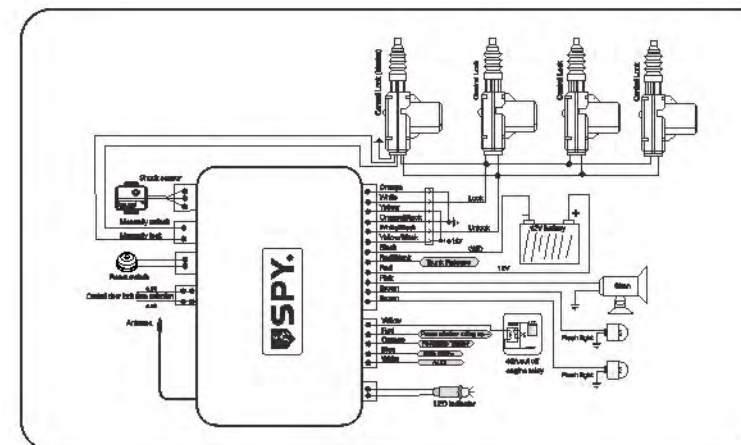
ONE-WAY CAR ALARM SYSTEM



EA106

## EA202

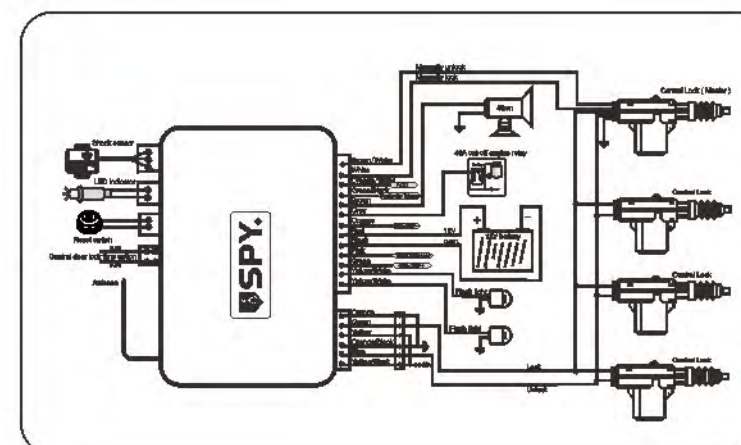
ONE-WAY CAR ALARM SYSTEM W/built in central lock mould



EA202

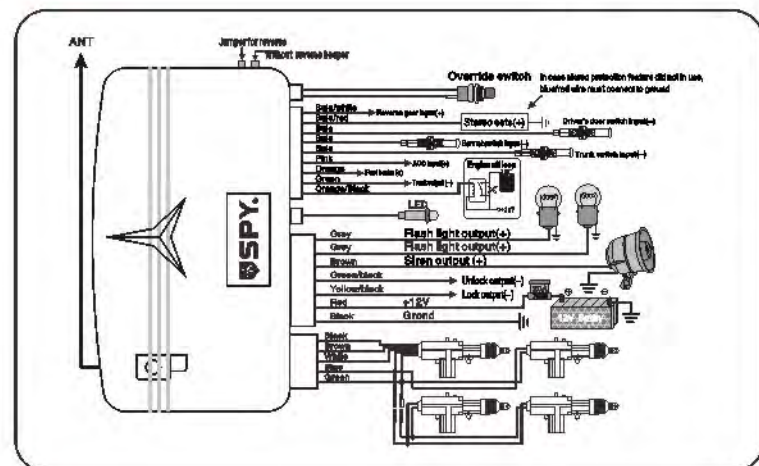
## EA203

ONE-WAY CAR ALARM SYSTEM

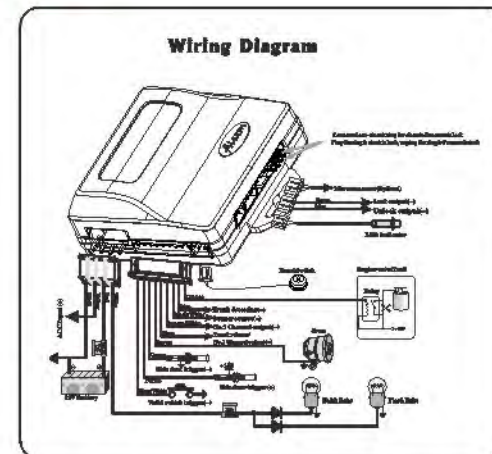


EA203

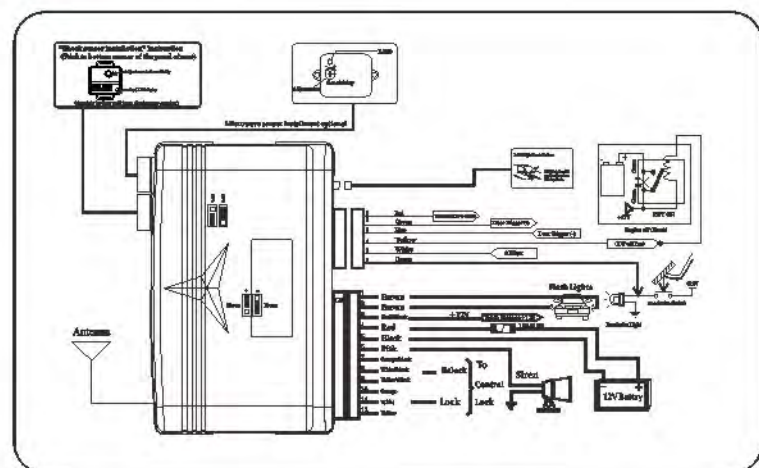
**EA2** ONE-WAY Car Alarm With Central Door Locking System 



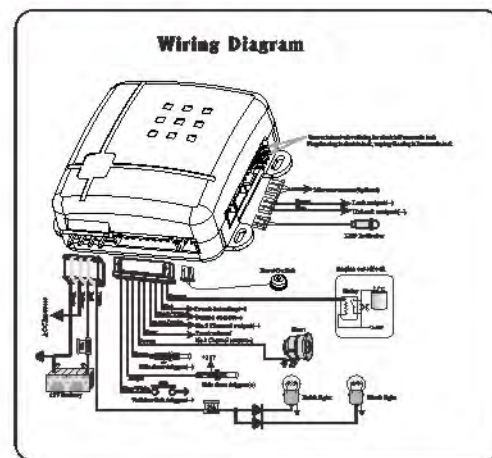
**SA206** ONE-WAY Car Alarm System 



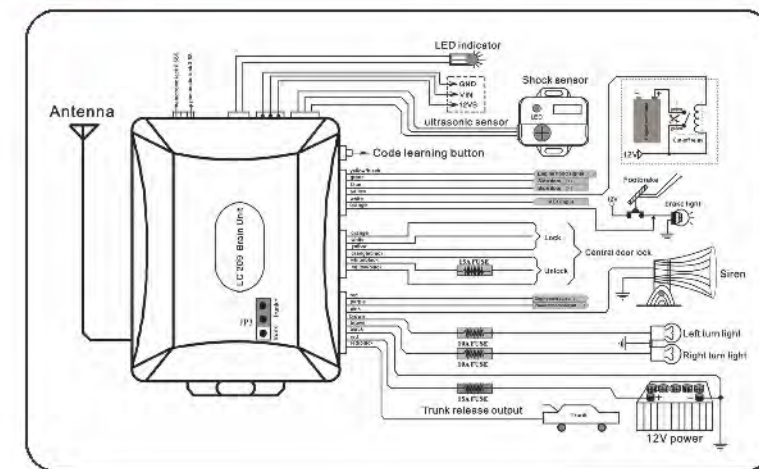
**SA11** ONE-WAY Car Alarm System



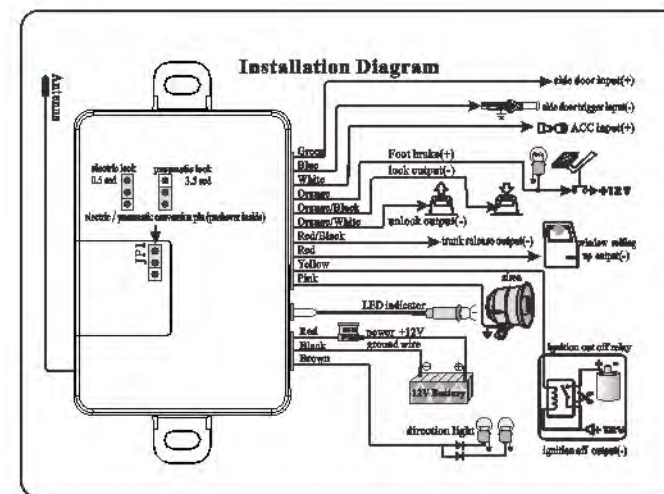
**SA3** ONE-WAY Car Alarm System



**LC209** ONE-WAY Car Alarm System

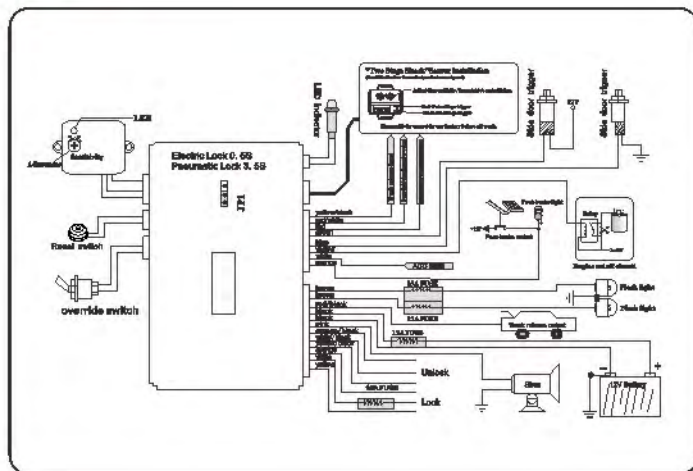


**SA10** ONE-WAY Car Alarm System



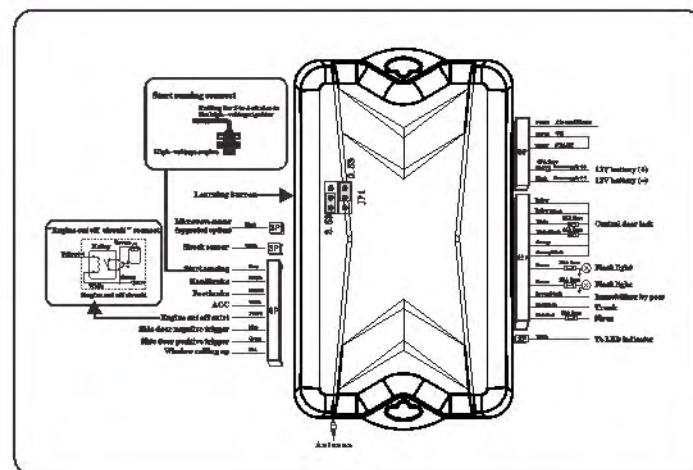
MA205

ONE-WAY Car Alarm System



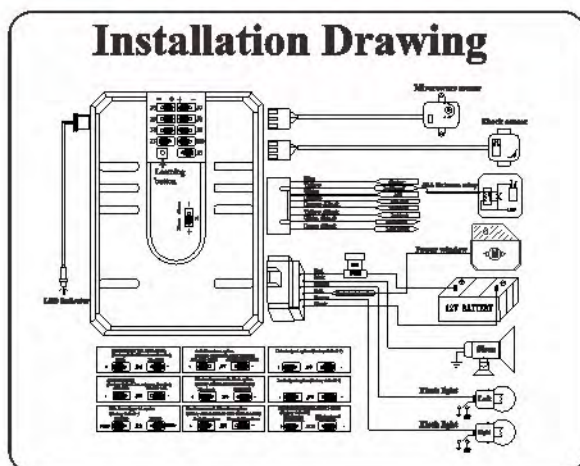
LA4

ONE-WAY Car Alarm System(built-in Start Module)



LC-018D

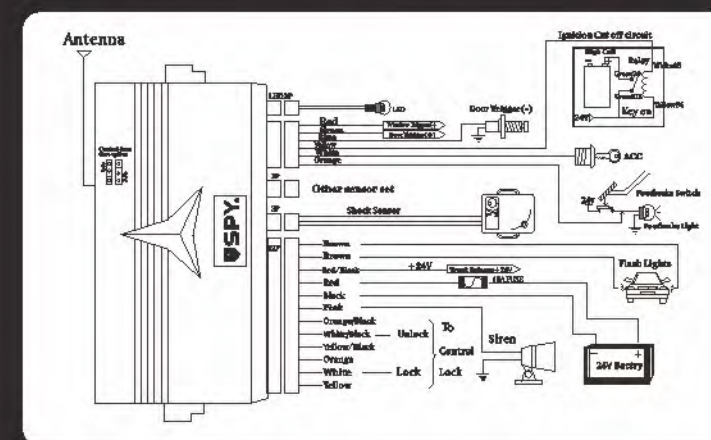
Upgrade Car Alarm System



# 24V one way car alarm



LA1 ONE-WAY 24V Car Alarm System





### How it works



### REMOTE ACCESS

- Unlock/lock by using your Smartphone App
- Features only work within Bluetooth Range (Requires Bluetooth Turned On)



For iOS only

**Note: MAX. 3 SMARTPHONES CAN BE OPERATED IN ONE SYSTEM**

**Free APP :**



# ONE-WAY Car Alarm System



LT555



LT556



LT558



LT559



LT2023



LT2024



LT2022



LT2026



LT2021



LT539



LT538



LT536



LT552



LT531



LT530



LT511



LT512



LT522



LT523



LT521



LT525



LT550



LT553



LT528



LT2028



LT455



LT458



LT418



LT389



LT363



LT452



LT413



LT419



LT423-4



LT423-3



LT491-3



LT491-4



LT425-4



LT425-5



LT410



LT468



LT432



LT433



LT438



LT436



LT431



LT380



LT430-5



LT430-4



LT323



LT322



LT435



LT429



LT399



LT350



LT351



LT515



LT056



LT409



LT353



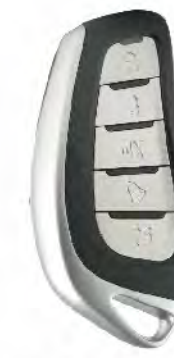
LT513



LT439



LT405



LT401



LT490



LT356



LT508



LT318



LT469



LT483



LT489



LT500



LT519





LT415



LT422



LT129-3



LT126B



LT126A-3



LT128



LT028-3



LT319



LT465



LT308



LT426



LT018



LT496



LT022



LT494



LT516



LT398



LT428



LT313



LT315



LT150



LT488



LT169



LT208



LT181



LT182



LT366



LT368



LT158-4



LT158-2



LT168



LT509



LT463-4



LT183



LT388



LT518



LT481



LT420



LT492



LT403



LT121-4



LT121-3



LT186-4



LT186-2



LT186-3



LT046-2



LT046-3



LT511



LT131A-5



LT131B



LT305



LT195



LT390



LT456



LT325



LT330



LT196



LT192



LT303



LT392



LT193



LT301



LT300



LT512



LT502



LT495



LT460



LT482



LT499



LT025



LT058



LT408



LT493



LT485



LT466



LT416



LT498



LT336



LT411-4



LT480



LT029



LT052



LT302



LT190



LT506



LT421



LT505



LT360



LT406



LT396



LT331



LT451



LT503



LT060



LT055



LT059

# MOTORCYCLE ALARM SYSTEM

With Remote Engine Start

**2-WAY**



**LM209**

**TWO-WAY MOTORCYCLE Alarm System**



**Function Features:**

- Time display
- Alarm clock
- Melody paging mode
- Microwave sensor (optional)
- Automatic rearm
- Real time monitoring motorcycle status.
- Long transmitting range
- Multi-color background light of pager.
- Remote adjusting of sensitivity

**3500m**  
Super long range monitoring  
Tested in wild space



**LM212**

**TWO-WAY MOTORCYCLE Alarm System**



**Function Features:**

- Newly design, chrome metal frame, fancy panel
- Time display & Alarm clock
- Melody paging mode
- Microwave sensor (optional)
- Automatic rearm
- Real time monitoring motorcycle status.
- Long transmitting range
- Multi-color background light of pager.
- Remote adjusting of sensitivity



**LM100A** ALL-IN-ONE Motorcycle Alarm System

- Six tone alarming (Programmable by remote)
- Built-in motion sensor (optional)
- Power cut off alarm. Backup battery to keep 5 minutes alarming
- Adjustable sensitivity for built-in shock sensor
- Circuit protection for power supply
- Fully waterproof
- LED indicator
- Built-in backup battery (optional)
- Working voltage:9-15V
- Frequency:433.92MHz
- Static current:2.0mA
- Operation temperature:-40 °C - +85 °C
- Microwave sensor (optional)



**LM103A** ONE-WAY Motorcycle Alarm System

**Super waterproof host & Waterproof Transmitter**  
**High voltage protection**

- Anti-compacting 300V high voltage
- Built-in Vibration sensor
- Vibration sensitivity adjustable by remote
- Compatible with DC.AC motorbike(The factory settings)
- 6-tones alarming.
- The LED indicator is optional
- Bike finding/Help calling
- Remote start engine
- Remote cut off engine



LM103A

**LM103B** ONE-WAY Talking Motorcycle Alarm System

**Super waterproof host & Waterproof Transmitter**  
**Intelligent Talking alarming function**

- Anti-compacting 300V high voltage
- Built-in Vibration sensor
- Vibration sensitivity adjustable by remote
- Compatible with DC.AC motorbike(The factory settings)
- 6-tones alarming.
- The LED indicator is optional
- Bike finding/Help calling
- Remote start engine
- Remote cut off engine



LM103B

**LM208T6** Waterproof Motorcycle Alarm System

**Waterproof Mini brain (compact and small size) & waterproof Transmitter**  
**Microchip CPU.**  
**High voltage protection**

**Function Features:**

- Arm/disarm/
- Learning code.
- Bike finding, help calling
- Remote start engine
- Remote cut off engine
- Arm reminding
- LED alarm memory.
- 6-tones alarming.
- 5-stage sensitivity adjustable by remote
- Lighting at night (by pressing remote)



LM 208T6

**LM208T6-RFID** Motorcycle Alarm System with RFID Function

- Anti-compacting 300V high voltage
- Built-in Vibration sensor
- Vibration sensitivity adjustable by remote
- Compatible with DC.AC motorbike(The factory settings)
- 6-tones alarming.
- The LED indicator is optional
- Bike finding/Help calling
- Remote start engine
- Remote cut off engine
- With RFID technology, double protection



**LM208T6-CDI** Motorcycle Alarm System with CDI Function

- Anti-compacting 300V high voltage
- Built-in Vibration sensor
- Vibration sensitivity adjustable by remote
- Compatible with DC.AC motorbike(The factory settings)
- 6-tones alarming.
- The LED indicator is optional
- Bike finding/Help calling
- Remote start engine
- Remote cut off engine
- CDI anti-hijacking card(optional)



# KEYLESS ENTRY SYSTEM



**Item No: LK020**

**Function Features:**

- Remote control door lock / unlock
- Remote trunk release , +/- optional
- Car locating
- Flash light output
- Power window output
- Jumper option for pneumatic or electric central lock
- With an external LED Indicator



**Item No.: LK218**

**Function Features:**

- Remote control door lock / unlock
- Remote trunk release , +/- optional
- Car locating
- Flash light output
- Power window output
- Jumper option for pneumatic or electric central lock
- External LED indicator (optional)



**Item No.: LK 058**

**Function Features:**

- Remote control door lock / unlock
- Remote trunk release , +/- optional
- Car locating
- Flash light output
- Power window output
- Jumper option for pneumatic or electric central lock



**Item No.: LK100**

**Function Features:**

- Remote control door lock / unlock
- Remote trunk release , +/- optional
- Car locating
- Flash light output
- Power window output
- Jumper option for pneumatic or electric central lock
- External LED indicator (optional)

# CENTRAL DOOR LOCKING SYSTEM



## ITEM NO.: MS 003

- Keyless entry system with built-in central door locking system module
- Remote trunk releasing
- Remote window rolling up
- Motor is made by a Sino-Japan joint venture
- The master gear is metal
- The gear is made of POM plastic
- The housing is made of ABS plastic
- With a big rubber sleeve (waterproof)
- The actuator life is more than 80,000 times
- Lubricated automatically
- Rivet sealed can be provided



## ITEM NO.: LL202

### Function Features:

- Dual slide rail construction, moving more stable
- Parting line sealed by ultrasonic welding
- Motor is made by a Sino-Japan joint venture
- The master gear is metal
- The gear is made of POM plastic
- The housing is made of ABS plastic
- With a big rubber sleeve (waterproof)
- The actuator life is more than 80,000 times
- Lubricated automatically
- Rivet sealed can be provided



## ITEM NO.: LL103A

Model No.	1 control 1	1 control 3	2 control 2
Description			
Without remote	LL 101	LL103	LL 202
With remote	LL101A	LL 103A	LL 202A



## Single Actuator

### Function Features:

- Dual slide rail construction, moving more stable
- Parting line sealed by ultrasonic welding
- Motor is made by a Sino-Japan joint venture
- The gear is made of POM plastic
- The housing is made of ABS plastic
- With a big rubber sleeve (waterproof)
- The actuator life is more than 80,000 times
- Lubricated automatically

# UNIVERSAL POWER WINDOW KITS



Item No.: LA303-2 □  
LA303-4 □



Item No.: LA203



Item No.: LA202



### Function Features:

- Universal power window for 4-door
- Suitable for all vehicle
- Low noise design
- Motor overload protector
- Motor is made by Sino-Japan Joint venture
- The bearing is made of copper alloy
- The gear wheel is made of POM plastic



Item No.: LW058

### Main Features:

- Suitable for 2 / 4 windows
- Window closing one by one or simultaneously
- Built-in sensor for pinch hand(option by jumper)
- Window closing up within 8 seconds.
- Window closing up controlled by negative/positive trigger(option by jumper)



Item No.: LW918

### Main Features:

- Two windows controlled by one main unit
- Window closing one by one.
- Built-in sensor for closing up(option by jumper)
- Window closing up within 7 seconds.
- Window closing up controlled by negative/positive trigger(option by jumper).
- Rolling up or down during driving.
- Window rolling by touch or positioning.
- Suitable for installation in any vehicle.