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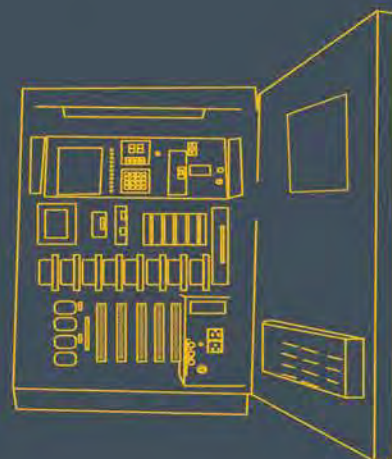
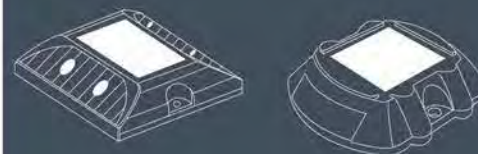
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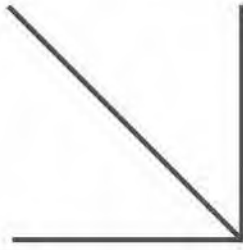
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**GUANGAN TRAFFIC**  
Professional LED Traffic Light Manufacturer





## About us

Shenzhen GuangAn Intelligent Traffic Technology Co., Ltd is commit to manufacture traffic safety products, and has become one of the most active and creative companies in the field.

We are able to supply, often at short notice, include LED road stud, LED traffic signal light, traffic countdown timer, solar LED traffic sign and other related products, Meanwhile, we can develop and produce according to your special requirements or samples.

We are renowned for providing the very best service, quality and safety in everything that we do. All our products are certificated by CE RoHS ISO9001.

On the base of high quality and reasonable prices, our products have been exported to Europe, Africa, South America, Southeast Asia, and the Middle East. Insisting on the principle of "Competing with High Quality for Mutual Favors", we do hope to enlarge the market with your cooperation.



## Our certificate

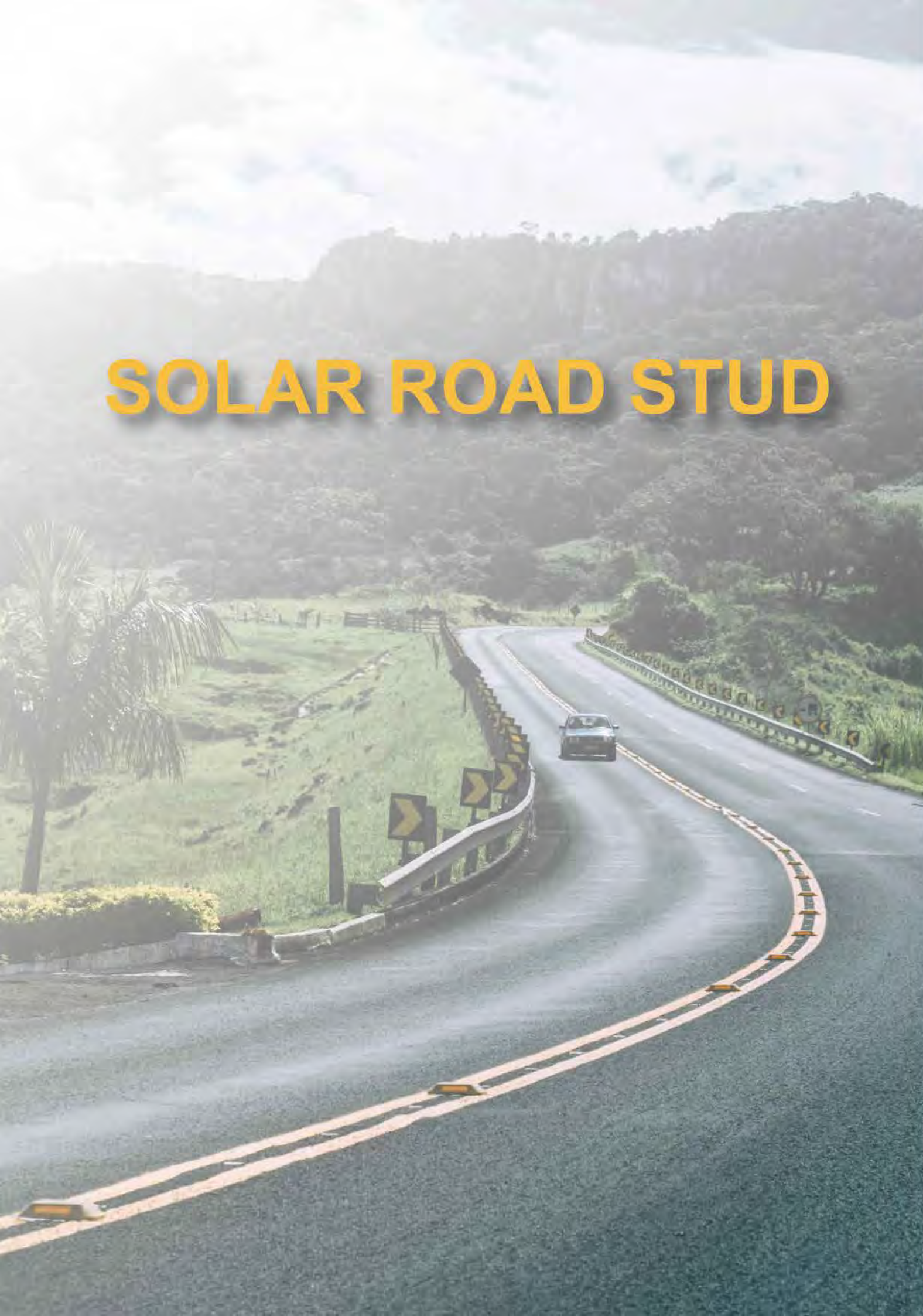


# Brief Introduction

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# SOLAR ROAD STUD



The road stud of GuangAn, Not only the appearance and quality of our products are crucial. But also the material, the production process, the water-proof protection, the glue, the equipment and packaging are optimally adapted to the intended use.

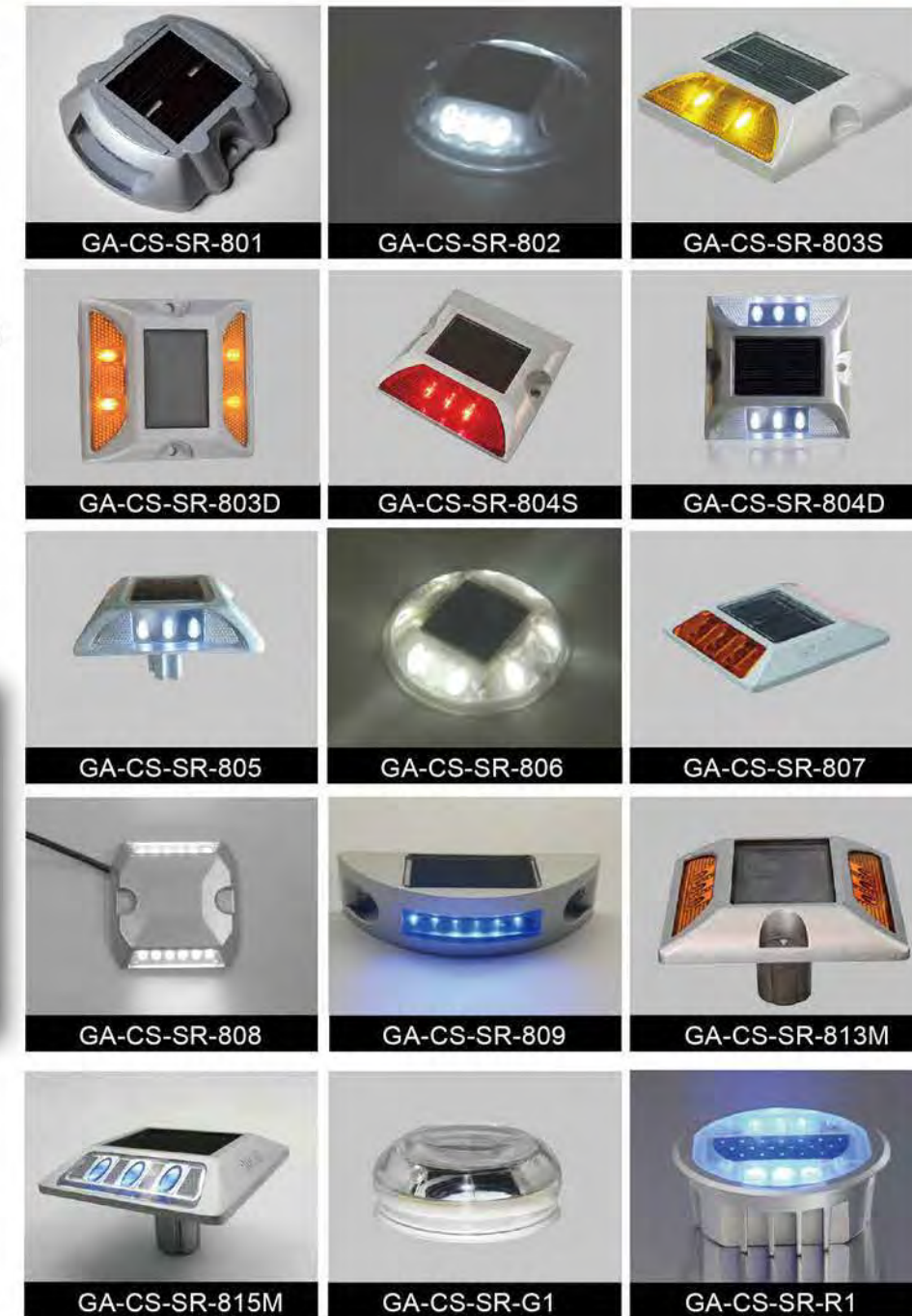
The reflectors are scratch resistant, low maintenance, easy to clean and have a very long lifespan. The plastic version can cope with a load of approximately 10 tonnes and the aluminium version with approximately 20 tonnes.

Wired road stud controller  
GA-C-SR



**Features:**

- ✓ Control the working mode of wired road stud
- ✓ 220V input, DC24V output
- ✓ IP65
- ✓ Easy installation and maintenance





# traffic light controller





## 44 outputs stand alone traffic controller



▲  
Controller

### Feature

- Embedded center controlling system, More Reliable and stabilization.
- All-weather outdoor box, install avoiding lightning and power filtration equipment.
- Apply modularization design in order to be convenient maintenance and function expansion.
- Independence controlling for 44 outputs and 16 sets of light, typical working current is 10A.
- Extensible interface of RS-232 and RS-485.
- Can be adjustable, check-up and setting when running.
- Own 2x99pcs working period of time, which is convenient for Peacetime and holiday working.
- Own 32pcs working menus, can be transferred many times in any period time.
- Every programme menu can be programmed 99 steps, every step is timing from 1 to 255 second.
- Every signal light's glint state can be set, glint frequency and time can be adjustable.
- Yellow flash time can be set and frequency can be adjustable in night.
- Can be set into urgent yellow flash state.
- Manual operation can carry out single step running under random and appointed menu.
- Automatic power cut off function, which working parameter can be saved more than 10 years.
- Autotest Green conflict, you will be promised to enter next step only after you solve Green conflict.
- Simulation crossing panel, there is a simulation crossing on controller panel, which simulates Drive way and pedestrian way running, it's more simple setting.



▲  
Cabinet

## 44 Outputs Network Intelligent Traffic Controller

### Feature

- Built-in central control system to ensure work stability.
- Easy for maintenance and function extension by modular design.
- Input AC110V and AC220V, Can be changed by the switch.
- Adopt RS-232 or LAN port to communicate with upper computer.
- 48 work periods for workday and holiday setting.
- 32 working menus used for any period (among 1~30 numbers customs can set it by themselves).
- The flashing state, frequency and time of each green signal light can be setup or adjusted.
- Yellow flashing or close the signal can be setup at night.
- Can modify the current pace of running time in the running state immediately.
- Full red, yellow flashing, step by step manual, jump in the manual, remote manual function (optional).
- Be equipped with the hardware fault testing function (Red Light fails, continue green lights), down grade to Yellow flash status and cut down the Red&Green light power supply when the fault happens. (Optional)
- The output part adopts zero-test technology, Change of state is zero state switch in communication, Make the drive more safe and reliable.
- Each output all the way with independent lightning protection circuit.
- Installation testing capabilities, can test to confirm installation correctness for each lamp when installation at intersection.
- The clients can set up 30 menu to be backup and recovery.
- The setup software can operation on the computer offline, Project data can be stored on the computer and can be copied.



▲  
Controller and cabinet



48 Outputs Coordinated network Intelligent Controller



Controller-front view



Controller-back view



Cabinet

Feature

- Centralized system control
- Apply modularization design in order to be convenient maintenance and function expansion.
- Self-adapting control.
- Individual intersection induction.
- Multi-period control.
- Manual control, wireless remote control.
- Yellow flashing control.
- Lights off control.
- Full red lights center control.
- Pedestrian crossing control.
- Request scheme control.
- Special scene control such as rain and so on.
- Supporting the learning countdown timer, impulse real-time countdown timer and communication countdown timer.
- Supporting data share with electronic police, compatible with coils, video, terrestrial magnetism and other multiple detectors.
- Supporting GPS time setting.
- Support touch screen expansion.



Wireless solar traffic light controller and remoter

Wireless controller



Remoter



- Working voltage: 10V-30V DC.
- Each wireless master controller/ slave controller has 13 outputs channels maximum (4 control phases).



## Pedestrian Cross Button

Pedestrian crossing buttons is a new pedestrian crossing requesting device, the button mounted on both sides of the crosswalk, pedestrians by pressing the button to signal Crossing trigger signal and the reception signal for the pedestrian crossing trigger signal, the signal's internal settings appropriately change the current traffic light color state, thus Achieve safe passage for pedestrians pass the road.



Model: PLB-GA-01

# Traffic light

1

Full ball 100-400mm



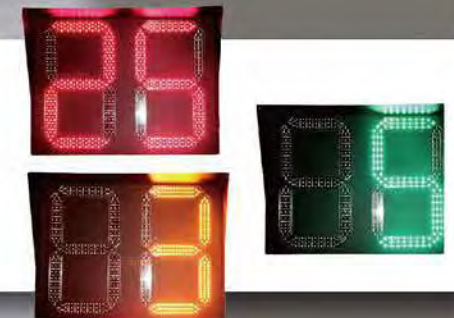
2

Arrow 100-400mm



3

Countdown timer





Full ball led traffic light



- Wide view angle
- Long lifespan
- One failure led will not affect whole light
- Light will enter Learning type when controller Turn on, signal cycle changed or controller is transferred from automic control to manual control.



Size	Model	Color	Qty of LED	Power	Input voltage	W.T.(°C)	Housing material
100mm	TL-100-3-F-GA	Red	45pcs	≤ 5W	12V/24V DC or AC85-265V	-40 - +80	PC
		Amber	45pcs	≤ 5W			
		Green	45pcs	≤ 4W			
200mm	TL-200-3-F-GA	Red	90pcs	≤ 8W	12V/24V DC or AC85-265V	-40 - +80	PC
		Amber	90pcs	≤ 8W			
		Green	90pcs	≤ 6W			
300mm	TL-300-3-F-GA	Red	168pcs	≤ 11W	12V/24V DC or AC85-265V	-40 - +80	PC
		Amber	168pcs	≤ 11W			
		Green	168pcs	≤ 9W			
400mm	TL-400-3-F-GA	Red	204pcs	≤ 13W	12V/24V DC or AC85-265V	-40 - +80	PC
		Amber	204pcs	≤ 13W			
		Green	204pcs	≤ 11W			

- Wide view angle
- Long lifespan
- One failure led will not affect whole light
- Light will enter Learning type when controller Turn on, signal cycle changed or controller is transferred from automic control to manual control.



Arrow led traffic light



Size	Model	Color	Qty of LED	Power	Input voltage	W.T.(°C)	Housing material
200mm	TL-200-3-A-GA	Red	36pcs	≤ 5W	12V/24V DC or AC85-265V	-40 - +80	PC
		Amber	36pcs	≤ 5W			
		Green	36pcs	≤ 5W			
300mm	TL-300-3-A-GA	Red	90pcs	≤ 7W	12V/24V DC or AC85-265V	-40 - +80	PC
		Amber	90pcs	≤ 7W			
		Green	90pcs	≤ 6W			
400mm	TL-400-3-A-GA	Red	117pcs	≤ 10W	12V/24V DC or AC85-265V	-40 - +80	PC
		Amber	117pcs	≤ 10W			
		Green	117pcs	≤ 8W			

Full ball with countdown timer led traffic light



- Bicolor 2 digits countdown timer, it's very clear to know waiting or go time period
- Wide view angle
- Long lifespan
- One failure led will not affect whole light
- Light will enter Learning type when controller Turn on, signal cycle changed or controller is transferred from automic control to manual control.
- Countdown timer work without garbled or missing code.



Size	Model	Color	Qty of LED	Power	Input voltage	W.T.(°C)	Housing material
200mm	TL-200-3-FCBD-GA	Red	90pcs	≤ 8W	12V/24V DC or AC85-265V	-40 - +80	PC
		Amber	90pcs	≤ 8W			
		Green	90pcs	≤ 6W			
		Red 88	70pcs	≤ 10W			
300mm	TL-300-3-FCBD-GA	Green 88	70pcs	≤ 10W	12V/24V DC or AC85-265V	-40 - +80	PC
		Red	168pcs	≤ 11W			
		Amber	170pcs	≤ 11W			
		Green	168pcs	≤ 9W			
400mm	TL-400-3-FCBD-GA	Red 88	64pcs	≤ 10W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green 88	64pcs	≤ 10W			
		Red	204pcs	≤ 13W			
		Amber	204pcs	≤ 13W			
400mm	TL-400-3-FCBD-GA	Green	204pcs	≤ 11W	12V/24V DC or AC85-265V	-40 - +80	PC
		Red 88	128pcs	≤ 15W			
400mm	TL-400-3-FCBD-GA	Green 88	128pcs	≤ 15W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green 88	128pcs	≤ 15W			



- Wide view angle
- Long lifespan
- One failure led will not affect whole light

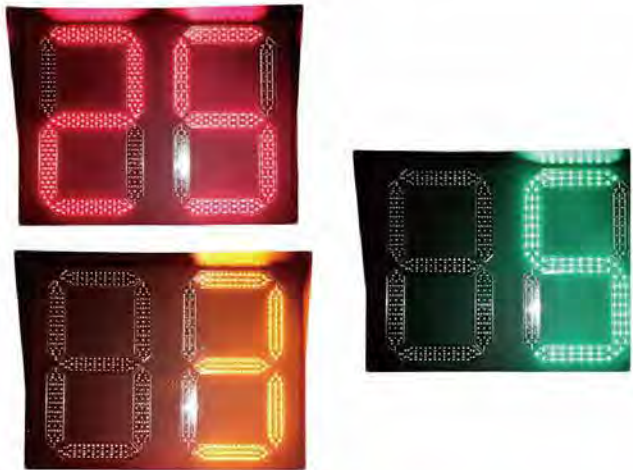


Bicycle light

Size	Model	Color	Qty of LED	Power	Input voltage	W.T.( °C)	Housing material
200mm	TL-200-3-B-GA	Red	45pcs	≤ 6W	12V/24V DC or AC85-265V	-40 - +80	PC
		Amber	45pcs	≤ 6W			
		Green	45pcs	≤ 6W			
300mm	TL-300-3-B-GA	Red	66pcs	≤ 8W	12V/24V DC or AC85-265V	-40 - +80	PC
		Amber	66pcs	≤ 8W			
		Green	66pcs	≤ 8W			

LED countdown timer

- Three colors 2 digits countdown timer
- Wide view angle
- Long lifespan
- One failure led will not affect whole light
- Light will enter Learning type when controller Turn on, signal cycle changed or controller is transferred from automatic control to manual control.
- Countdown timer work without garbled or missing code.



Size	Model	Color	Qty of LED	Power	Input voltage	W.T.( °C)	Housing material
800*600mm	CT-3-GA	Red	90pcs	≤ 8W	12V/24V DC or AC85-265V	-40 - +80	PC
		Amber	90pcs	≤ 8W			
		Green	90pcs	≤ 6W			

temporary traffic light



- For alternatingly traffic to one lane, T-junctions and intersections
- Base in galvanized cold rolling plate
- Easy installation and mantance
- Low consumption and long lifespan

Lighting area	200mm/ 300mm/ 400mm
Light option	full ball three section 4 side/ arrow three section 4 side/ full ball with countdown timer two section 4 side
Solar panel	Monocrystalline, service time >10 years
Battery	lead-acid battery, service time >3 years
Controller	Built in 24 outputs controller
Base size	900*900*500mm
Hight	3.2m





- Wide view angle
- Long lifespan
- One failure led will not affect whole light



Solar flash warning light



Size	Model	Color	Qty of LED	Flashing rate	Solar Panel	Battery	Housing
200mm	SW-1-200-GA	Amber	60pcs	50 times/min	8W/18V	12V/7AH Lead acid battery	PC
300mm	SW-1-300-GA	Amber	95pcs	50 times/min	monocrystalline		

Solar flash warning light



- High bright
- Long lifespan
- Continuous working time >200h



Size	Model	Color	Qty of LED	Flashing rate	Solar Panel	Battery	Housing
530*170*235mm	SW-2-GA	Red, Blue	20*8pcs	40 times/min	12W/18V monocrystalline	12V/7AH Lead acid battery	Aluminum



Solar flash warning light



- Energy saving, environment friendly
- High bright, long lifespan
- Easy installation



Size	Model	Color	Qty of LED	Flashing rate	Solar Panel	Battery	Housing
D=400mm	SW-2-400-GA	Amber	8pcs	50 times/min	8W/18V monocrystalline	12V/7AH Lead acid battery	PC





# Pedestrian signal light

## Static pedestrian light



- Static green man and static red man
- Wide view angle
- Long lifespan
- One failure led will not affect whole light
- Light will enter Learning type when controller Turn on, signal cycle changed or controller is transferred from automatic control to manual control.



Size	Model	Color	Qty of LED	Power	Input voltage	W.T.( °C)	Housing material
200mm	PL-200-2 -SS-GA	Red	66pcs	≤ 7W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green	63pcs	≤ 5W			
300mm	PL-300-2 -SS-GA	Red	80pcs	≤ 8W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green	78pcs	≤ 6W			
400mm	PL-400-2 -SS-GA	Red	87pcs	≤ 8W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green	84pcs	≤ 6W			



Dynamic pedestrian light



- Dynamic green man and static red man
- Easy to understand green animated walking man.
- Wide view angle
- Long lifespan, easy to install and retro it
- One failure led will not affect whole light
- Light will enter Learning type when controller Turn on, signal cycle changed or controller is transferred from automic control to manual control.



Size	Model	Color	Qty of LED	Power	Input voltage	W.T.( °C)	Housing material
200mm	PL-200-2-SD-GA	Red	66pcs	≤ 7W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green	96pcs	≤ 6W			
300mm	PL-300-2-SD-GA	Red	80pcs	≤ 8W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green	129pcs	≤ 8W			
400mm	PL-400-2-SD-GA	Red	87pcs	≤ 8W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green	126pcs	≤ 9W			

Bi color countdown timer pedestrian light



- Dynamic green light and static red light in one section, bicolor countdown timer
- Wide view angle
- Long lifespan
- One failure led will not affect whole light
- Light will enter Learning type when controller Turn on, signal cycle changed or controller is transferred from automic control to manual control.
- Countdown timer work without garbled or missing code.



Size	Model	Color	Qty of LED	Power	Input voltage	W.T.( °C)	Housing material
200mm	PL-200-2-SWDC-GA	Red man	37pcs	≤ 7W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green man	44pcs	≤ 6W			
		Red	64pcs	≤ 10W			
		Green	64pcs	≤ 10W			
300mm	PL-300-2-SWDC-GA	Red man	65pcs	≤ 8W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green man	120pcs	≤ 7W			
		Red	64pcs	≤ 10W			
		Green	64pcs	≤ 10W			



Bi color countdown timer pedestrian light



- Dynamic green light, bicolor countdown timer
- Wide view angle
- Long lifespan
- One failure led will not affect whole light
- Light will enter Learning type when controller Turn on, signal cycle changed or controller is transferred from automic control to manual control.
- Countdown timer work without garbled or missing code.



Size	Model	Color	Qty of LED	Power	Input voltage	W.T.( °C)	Housing material
200mm	PL-200-3-SDC-GA	Red man	66pcs	≤ 7W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green man	96pcs	≤ 6W			
		Red 88	64pcs	≤ 10W			
		Green 88	64pcs	≤ 10W			
300mm	PL-300-3-SDC-GA	Red man	80pcs	≤ 9W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green man	129pcs	≤ 8W			
		Red 88	64pcs	≤ 10W			
		Green 88	64pcs	≤ 10W			



Stop and go led signal light



Size	Model	Color	Qty of LED	Power	Input voltage	W.T.( °C)	Housing material
Ø200mm	HX-200-1-GA	Red X	45pcs	≤ 6W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green ↑	36pcs	≤ 5W			
Ø300mm	HX-300-1-GA	Red X	90pcs	≤ 7W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green ↑	69pcs	≤ 7W			
400*400mm	HX-200-1-GA	Red X	125pcs	≤ 12W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green ↑	117pcs	≤ 8W			
600*600mm	HX-200-1-GA	Red X	160pcs	≤ 13W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green ↑	120pcs	≤ 11W			



Stop and go led signal light



- Wide view angle
- Long lifespan
- One failure led will not affect whole light
- Light will enter Learning type when controller Turn on, signal cycle changed or controller is transferred from automic control to manual control.



Size	Model	Color	Qty of LED	Power	Input voltage	W.T.( °C)	Housing material
Ø200mm	HX-200-2-GA	Red X	45pcs	≤ 6W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green ↑	36pcs	≤ 5W			
Ø300mm	HX-300-2-GA	Red X	90pcs	≤ 7W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green ↑	69pcs	≤ 7W			
Ø400mm	HX-400-2-GA	Red X	125pcs	≤ 12W	12V/24V DC or AC85-265V	-40 - +80	PC
		Green ↑	117pcs	≤ 8W			

Traffic light module



Full ball type



Arrow type



Pedestrian light type



Countdown timer light type



Bicycle





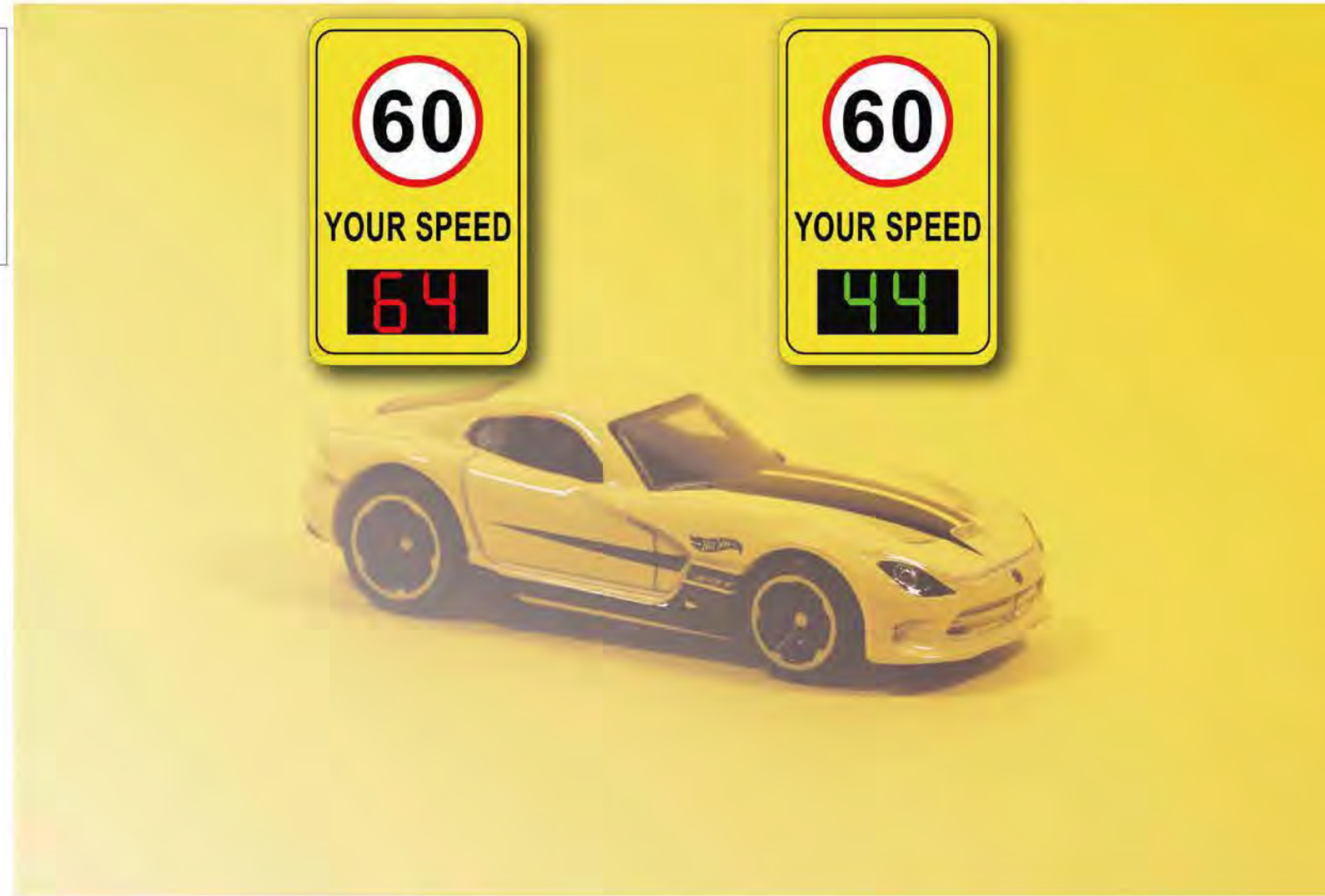
The solar traffic sign is universally applied on highways, city roads, road construction and so on to effectively keep transportation order and reduce the rate of traffic accidents.

Our road signs are made of aluminium alloy with excellent appearance and stable performance.

We mainly have 2 items for solar signs: One is a solar panel installed on top of the sign, another type is the solar panel integrated with the light body so as to facilitate transportation.

The size of the sign, LED color, LED quantity, etc. All can be individual design. By using high-brightness LED chips, the sign has strong penetrability and can achieve a good warning effect.

Real 3M reflective film was used, the sign can work at least 5 years without fading. Therefore, it is quite competitive among the same kind of product.



Radar speed sign



SL-TD-GA

This type has a static message "YOUR SPEED" followed by one line LED display of your speed.

When car speed is beyond the setting, it will display in red color to remind drivers to slow down, otherwise it will display in green color.

Feature

- Available for solar powered type and electrical powered type
- 3M reflective film
- Speed detection error:  $\pm 1$ km/h
- Speed detection distance: 200m
- Speed measurements could be Km/h or Mile/h





GA-TS-621



GA-TS-625



GA-TS-628



GA-TS-631

