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Josh Traffic Solutions



## COMPANY PROFILE >>>

### Welcome to Josh Traffic Solutions

At Josh Traffic Solutions (registered as Joshua Enterprises Ltd, New Zealand), we are dedicated to enhancing road safety with trusted, innovative, and sustainable traffic management solutions. We specialize in customized traffic solutions, ensuring that every client receives tailored, high-quality products designed to meet their unique needs.

With a strong commitment to reliability, affordability, and sustainability, we provide cutting-edge traffic systems that are built to last while reducing maintenance and operational costs. Our solar-powered solutions help create a greener future without compromising on performance.

#### Our Expertise & Offerings :

**Custom** - Designed Traffic Solutions – Tailored for cities, businesses, and communities  
**Solar-Powered LED Speed Signs & Display Boards** – Energy-efficient and highly visible  
**Advanced Traffic Management Systems** – Smart, innovative, and future-ready  
**Solar Street Lights & Smart Roadway Lighting** – Reliable and eco-friendly  
**High-Quality Certified & Patented Products** – Built to meet global safety standards

## WHAT WE OFFER >>>

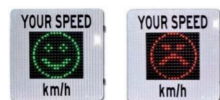
We offer a wide range of traffic management equipment for hire at competitive rates. Our team ensures timely delivery, reliable servicing, and immediate replacement in case of any issues. We are committed to providing hassle-free and efficient solutions for your traffic management needs.

Our experts also assist in selecting the right equipment tailored to your project requirements. We ensure compliance with safety standards while maintaining cost-effectiveness.

- **Product Service & Certification**
- **Technical Support**
- **Installation Support**
- **Customized Traffic Solutions**

#### **Need a customized solution?**

At Josh Traffic Solutions, we are dedicated to delivering tailored services to meet our clients' unique requirements. Contact us today for personalized assistance and expert traffic management solutions

**Features:-**

- Full-screen LED dot matrix can display speed, text and images.
- Can display speed, text and image with effective warning and alarm.
- Imported high-precision professional traffic radar, stable and reliable.
- The radar sensitivity can be adjusted depending on road and vehicle conditions.
- Multi-tasking can be realized, applicable to various complex roads.
- Different display modes: static display or flashing display.
- Built-in light-sensitive sensor, automatically adjusts the brightness of the display, saves energy and protects the environment.
- AC, DC or solar power supply all supportive.
- Built-in liquid crystal navigation controller, easy to operate, rich expansion.

**Parameter:-**

- Size: 600x600x45mm (custom available)
- LED display size: 320x320mm
- LED resolution: 16x16 pixels
- LED color: red/ green
- Speed range: 10-99KM/ H
- Accuracy:  $\pm 1$  KM/ H (MPH)
- Radar: 24. 125 GHz (K-band )
- Detection distance: 200M
- Visible distance: 300M
- Operating temperature: - 20°C - 70°C
- Power: DC, AC, solar power (optional)
- Warranty: two years

**Parameter:**

- Frame Size: 600x700mmx90mm
- LED Display Size: 512x384mm
- LED Color: red/green/amber
- Speed Range: 10 - 199 KM/ H
- Accuracy:  $\pm 1$  KM/ H( MPH)
- Radar: 24. 125GHz (K-band)
- Unit: KMH /MPH
- Detection Distance:**
- Cagon 300 meters
- Trolley 200 meters
- Visible Distance: 300m- Operating
- Temperature: - 20 C 70 C
- Alarm device: flashing
- Power Supply: DC, AC, solar power (optional)
- Warranty: One year

**Customization Available:**

- Wireless remote control
- Wireless data download
- Solar panels and batterie
- Traile



CUSTOMER >>>



Indonesia



Zambia



Israel



Thailand



Malaysia



Australia



France



Philippines



Bolivia

CUSTOMER >>>



Holland



Italiana



Canada



Nigeria



Kenya



Laos



New Zealand



Pakistan



Brazil

## 100 Full Screen Signal Light

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 100mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the national standard of the People's Republic of China, GB 14887-2011.

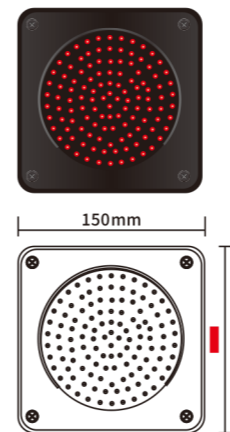
**Housing Material:** Polycarbonate (PC) engineering material, molded in one piece, with a service life of  $\geq 10$  years.

**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

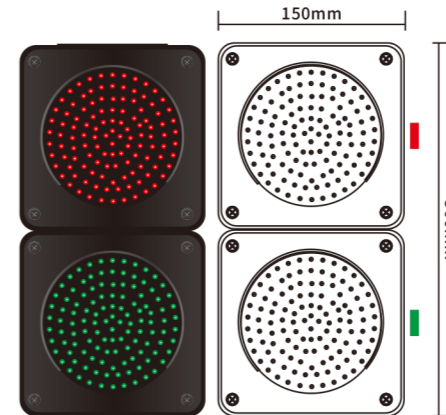
### Technical Parameters

Parameter	Technical Specifications		
Model	JD100-3-AS1Y01	JD100-3-AS2Y01	JD100-3-AS3Y01
Number of Light Panels	1	2	3
Light-emitting Unit Size	100 (φ100mm)	100 (φ100mm)	100 (φ100mm)
Pattern Combination	Single color / Dual color (Red & Green) / Triple color (Red, Yellow, Green)	Red full screen + Green full screen	Red full screen + Yellow full screen + Green full screen
Product Weight	0.6kg	1.3kg	2.1kg
Packaging Weight	1.1kg	2kg	2.9kg
Dimensions	150*150*85mm	150*300*85mm	150*450*85mm
Packaging Dimensions	250*190*178mm	400*190*178mm	550*190*178mm
LED Wavelength	Red (625nm), Yellow (590nm), Green (505nm)	Red (625nm) Green (505nm)	Red (625nm) Yellow (590nm) Green (505nm)
LED Light Angle	30°	30°	30°
Power Type	Constant current	Constant current	Constant current
Operating Voltage	DC12~24V, AC176~264V	DC12~24V, AC176~264V	DC12~24V, AC176~264V
Single Light Rated Power	$\leq 6W$	$\leq 6W$	$\leq 6W$
Power Factor	$> 0.85$	$> 0.85$	$> 0.85$
Start/Stop Response Time	$< 100ms$	$< 100ms$	$< 100ms$
Insulation Resistance	$\geq 500M\Omega$	$\geq 500M\Omega$	$\geq 500M\Omega$
Dielectric Strength	$> 1440VAC$	$> 1440VAC$	$> 1440VAC$
Leakage Current	$< 0.5mA$	$< 0.5mA$	$< 0.5mA$
Service Life	$> 50,000$ hours	$> 50,000$ hours	$> 50,000$ hours
Operating Temperature	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$
Protection Level	$\geq IP53$	$\geq IP53$	$\geq IP53$

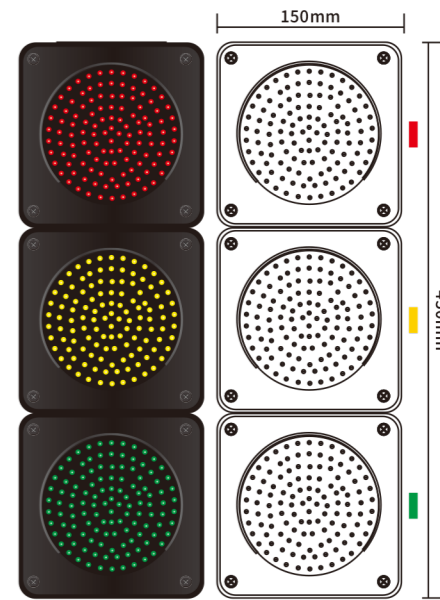
## 100 Full Screen Signal Light



JD100-3-AS1Y01



JD100-3-AS2Y01



JD100-3-AS3Y01

## 200 Full Screen Signal Light >>>

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 200mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the national standard of the People's Republic of China, GB 14887-2011.

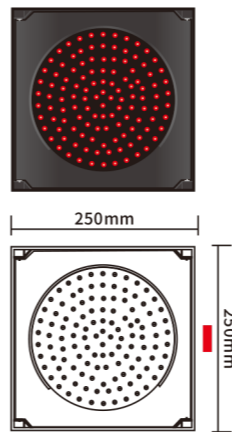
**Housing Material:** Polycarbonate (PC) engineering material, molded in one piece, with a service life of  $\geq 10$  years.

**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

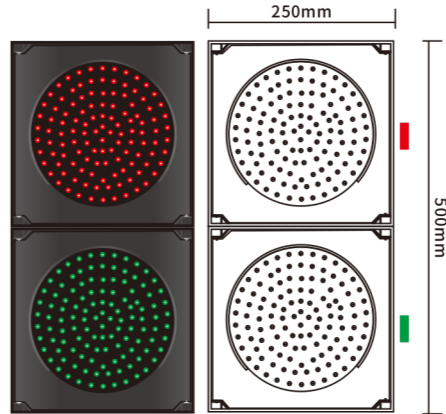
### Technical Parameters

Parameter	Technical Specifications		
Model	JD200-3-AS1Y01	JD200-3-AS2Y01	JD200-3-AS3Y01
Number of Light Panels	1	2	3
Light-emitting Unit Size	200 (φ200mm)	200 (φ200mm)	200 (φ100mm)
Pattern Combination	Single color / Dual color (Red & Green) / Triple color (Red, Yellow, Green)	Red full screen + Green full screen	Red full screen + Yellow full screen + Green full screen
Product Weight	1.4kg	3kg	5kg
Packaging Weight	2.7kg	4.5kg	6.9kg
Dimensions	250*250*120mm	250*500*120mm	250*750*120mm
Packaging Dimensions	370*280*175mm	620*280*175mm	870*280*175mm
LED Wavelength	Red (625nm) Yellow (590nm) Green (505nm)	Red (625nm) Green (505nm)	Red (625nm) Yellow (590nm) Green (505nm)
LED Light Angle	30°	30°	30°
Power Type	Constant current	Constant current	Constant current
Operating Voltage	DC12~24V, AC176~264V	DC12~24V, AC176~264V	DC12~24V, AC176~264V
Single Light Rated Power	$\leq 8W$	$\leq 8W$	$\leq 8W$
Power Factor	$> 0.85$	$> 0.85$	$> 0.85$
Start/Stop Response Time	$< 100ms$	$< 100ms$	$< 100ms$
Insulation Resistance	$\geq 500M\Omega$	$\geq 500M\Omega$	$\geq 500M\Omega$
Dielectric Strength	$> 1440VAC$	$> 1440VAC$	$> 1440VAC$
Leakage Current	$< 0.5mA$	$< 0.5mA$	$< 0.5mA$
Service Life	$> 50,000$ hours	$> 50,000$ hours	$> 50,000$ hours
Operating Temperature	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$
Protection Level	$\geq IP53$	$\geq IP53$	$\geq IP53$

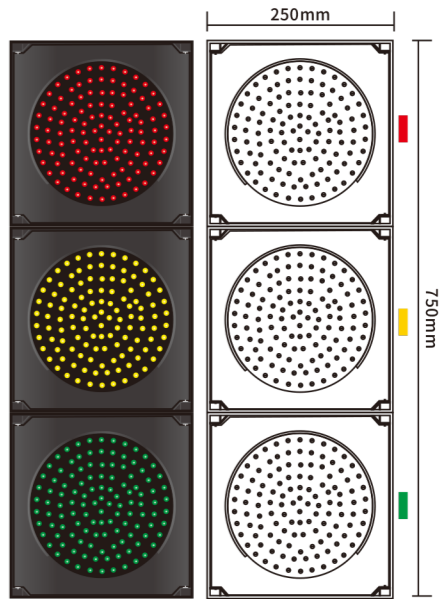
## 200 Full Screen Signal Light >>>



JD200-3-AS1Y01



JD200-3-AS2Y01



JD200-3-AS3Y01

**Parameter:**

- Size: 1 2 0 0 X 6 0 0 mm(S H - SDR3 - 1 2 0 - 6 0 )
- Size: 1 4 0 0 X 7 0 0 mm (S H - SDR3 - 1 4 0 - 7 0 )
- LED display size: 3 8 0 X 5 1 2 mm
- LED color: red/green- Speed range: 1 0 - 1 9 9 KM/ H
- Accuracy:  $\pm 1$  KM/ H ( MPH)- Radar: 2 4 . 1 2 5 GHz ( K - band)
- Detection distance: 200 m
- Visible distance: 3 0 0 m
- Working Temperture:  $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- Power supply: DC , AC , solar power ( optional )
- Warranty : Two Years

**Optionals:**

- Data statistics funtion
- Wireless remote control
- Wireless data download
- Solar panel and battery
- Trailer

**Features:**

- Imported high-precision professional traffic radar, stable and reliable.
- The radar sensitivity can be adjusted according to road and vehicle conditions.
- Multi-tasking can be realized, applicable to various complex roads.
- Different display modes: static display or flashing display.
- Built-in light-sensitive sensor, automatically adjusts the brightness of the display, saves energy and protects the environment.
- AC, DC or solar power supply all supportive.
- Two-color LED with high brightness, red display when speed is exceeded, green display within the safety value.
- Built-in LCD navigation controller, easy to set up and operate, extensive expansion.
- Integrated box design and 3M brand super quality reflective film

## 100 Arrow Signal Light

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 100mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the national standard of the People's Republic of China, GB 14887-2011.

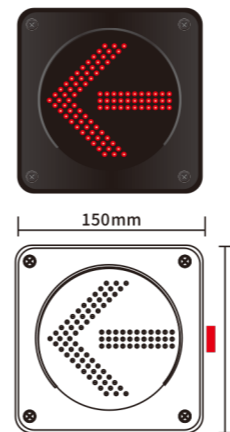
**Housing Material:** Polycarbonate (PC) engineering material, molded in one piece, with a service life of  $\geq 10$  years.

**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

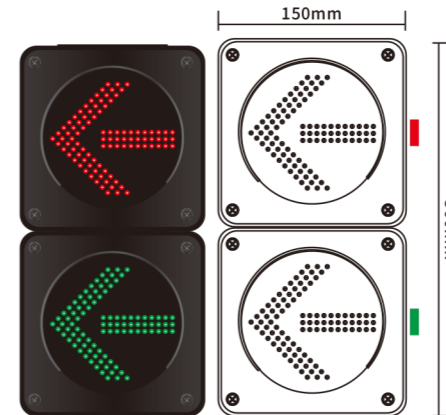
### Technical Parameters

Parameter	Technical Specifications		
Model	FX100-3-AS1Y01	FX100-3-AS2Y01	FX100-3-AS3Y01
Number of Light Panels	1	2	3
Light-emitting Unit Size	100 (φ100mm)	100 (φ100mm)	100 (φ100mm)
Pattern Combination	Single color / Dual color (Red & Green) / Triple color (Red, Yellow, Green)	Red arrow + Green arrow	Red arrow + Yellow arrow + Green arrow
Product Weight	0.6kg	1.3kg	2.1kg
Packaging Weight	1.1kg	2kg	2.9kg
Dimensions	150*150*85mm	150*300*85mm	150*450*85mm
Packaging Dimensions	250*190*178mm	400*190*178mm	550*190*178mm
LED Wavelength	Red (625nm) Yellow (590nm) Green (505nm)	Red (625nm) Green (505nm)	Red (625nm) Yellow (590nm) Green (505nm)
LED Light Angle	30°	30°	30°
Power Type	Constant current	Constant current	Constant current
Operating Voltage	DC12~24V, AC176~264V	DC12~24V, AC176~264V	DC12~24V, AC176~264V
Single Light Rated Power	$\leq 6W$	$\leq 6W$	$\leq 6W$
Power Factor	$> 0.85$	$> 0.85$	$> 0.85$
Start/Stop Response Time	$< 100ms$	$< 100ms$	$< 100ms$
Insulation Resistance	$\geq 500M\Omega$	$\geq 500M\Omega$	$\geq 500M\Omega$
Dielectric Strength	$> 1440VAC$	$> 1440VAC$	$> 1440VAC$
Leakage Current	$< 0.5mA$	$< 0.5mA$	$< 0.5mA$
Service Life	$> 50,000$ hours	$> 50,000$ hours	$> 50,000$ hours
Operating Temperature	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$
Protection Level	$\geq IP53$	$\geq IP53$	$\geq IP53$

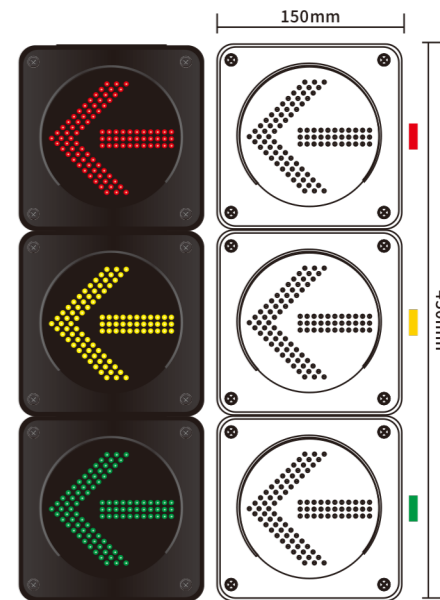
## 100 Arrow Signal Light



FX100-3-AS1Y01



FX100-3-AS2Y01



FX100-3-AS2Y01

## 200 Arrow Signal Light

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 200mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the national standard of the People's Republic of China, GB 14887-2011.

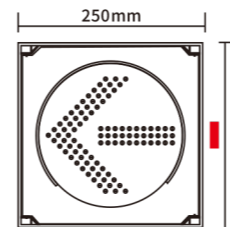
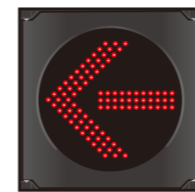
**Housing Material:** Polycarbonate (PC) engineering material, molded in one piece, with a service life of  $\geq 10$  years.

**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

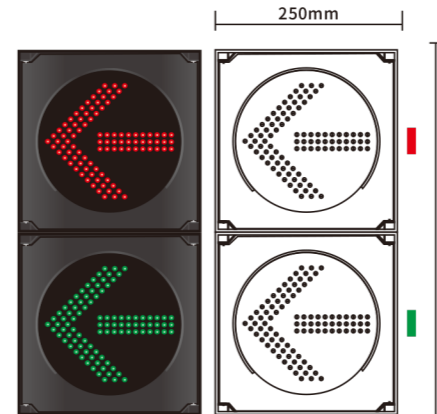
### Technical Parameters

Parameter	Technical Specifications		
Model	FX200-3-AS1Y01	FX200-3-AS2Y01	FX200-3-AS3Y01
Number of Light Panels	1	2	3
Light-emitting Unit Size	200 (φ200mm)	200 (φ200mm)	200 (φ200mm)
Pattern Combination	Single color / Dual color (Red & Green) / Triple color (Red, Yellow, Green)	Red arrow + Green arrow	Red arrow + Yellow arrow + Green arrow
Product Weight	1.4kg	3kg	5kg
Packaging Weight	2.7kg	4.5kg	6.9kg
Dimensions	250*250*120mm	250*500*120mm	250*750*120mm
Packaging Dimensions	370*280*175mm	620*280*175mm	870*280*175mm
LED Wavelength	Red (625nm) Yellow (590nm) Green (505nm)	Red (625nm) Green (505nm)	Red (625nm) Yellow (590nm) Green (505nm)
LED Light Angle	30°	30°	30°
Power Type	Constant current	Constant current	Constant current
Operating Voltage	DC12~24V, AC176~264V	DC12~24V, AC176~264V	DC12~24V, AC176~264V
Single Light Rated Power	$\leq 8W$	$\leq 8W$	$\leq 8W$
Power Factor	$> 0.85$	$> 0.85$	$> 0.85$
Start/Stop Response Time	$< 100ms$	$< 100ms$	$< 100ms$
Insulation Resistance	$\geq 500M\Omega$	$\geq 500M\Omega$	$\geq 500M\Omega$
Dielectric Strength	$> 1440VAC$	$> 1440VAC$	$> 1440VAC$
Leakage Current	$< 0.5mA$	$< 0.5mA$	$< 0.5mA$
Service Life	$> 50,000$ hours	$> 50,000$ hours	$> 50,000$ hours
Operating Temperature	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$
Protection Level	$\geq IP53$	$\geq IP53$	$\geq IP53$

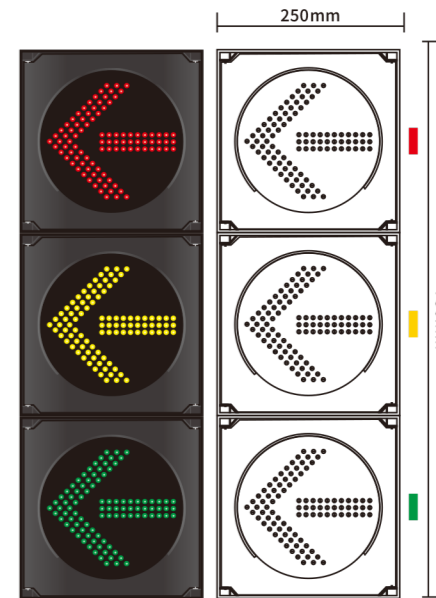
## 200 Arrow Signal Light



FX200-3-AS1Y01



FX200-3-AS2Y01



FX200-3-AS3Y01

## 300 Arrow Signal Light

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 300mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the national standard of the People's Republic of China, GB 14887-2011.

**Housing Material:** 1. Polycarbonate (PC) engineering material, molded in one piece, with a service life of  $\geq 10$  years.

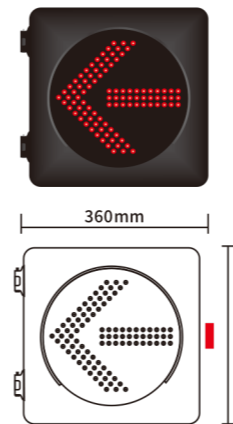
2. Aluminum die-cast material, die-cast in one piece, with a service life of  $\geq 25$  years.

**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

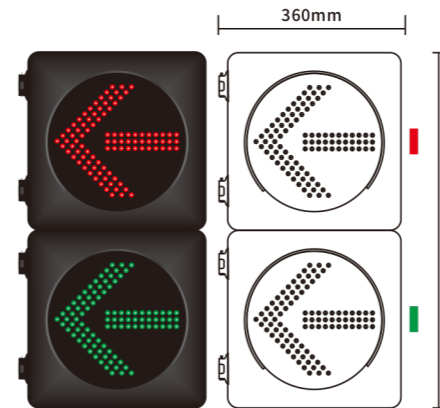
### Technical Parameters

Parameter	Technical Specifications		
Model	FX300-3-AS1Y01/FX300-3-AL1Y01	FX300-3-AS2Y01/FX300-3-AL2Y01	FX300-3-AS3Y01/FX300-3-AL3Y01
Number of Light Panels	1	2	3
Light-emitting Unit Size	300 (φ300mm)	300 (φ300mm)	300 (φ300mm)
Pattern Combination	Single color / Dual color (Red & Green) / Triple color (Red, Yellow, Green)	Red full screen + Green full screen	Red full screen + Yellow full screen + Green full screen
Product Weight	2.8kg(PC), 4.6kg (Aluminum)	5.3kg(PC), 7.9kg (Aluminum)	8.6kg(PC), 11.9kg (Aluminum)
Packaging Weight	4.8kg(PC), 6.6kg (Aluminum)	8kg(PC), 10.4kg (Aluminum)	11.8kg(PC), 14.9kg (Aluminum)
Dimensions	360*366*120mm	360*733*120mm	360*1100*120mm
Packaging Dimensions	470*400*165mm	835*400*165mm	1202*400*165mm
LED Wavelength	Red (625nm) Yellow (590nm) Green (505nm)	Red (625nm) Green (505nm)	Red (625nm) Yellow (590nm) Green (505nm)
LED Light Angle	30°	30°	30°
Power Type	Constant current	Constant current	Constant current
Operating Voltage	DC12~24V, AC176~264V	DC12~24V, AC176~264V	DC12~24V, AC176~264V
Single Light Rated Power	$\leq 12$ W	$\leq 12$ W	$\leq 12$ W
Power Factor	$> 0.85$	$> 0.85$	$> 0.85$
Start/Stop Response Time	$< 100$ ms	$< 100$ ms	$< 100$ ms
Insulation Resistance	$\geq 500$ MΩ	$\geq 500$ MΩ	$\geq 500$ MΩ
Dielectric Strength	$> 1440$ VAC	$> 1440$ VAC	$> 1440$ VAC
Leakage Current	$< 0.5$ mA	$< 0.5$ mA	$< 0.5$ mA
Service Life	$> 50,000$ hours	$> 50,000$ hours	$> 50,000$ hours
Operating Temperature	$-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$	$-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$	$-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$
Protection Level	$\geq \text{IP53}$	$\geq \text{IP53}$	$\geq \text{IP53}$

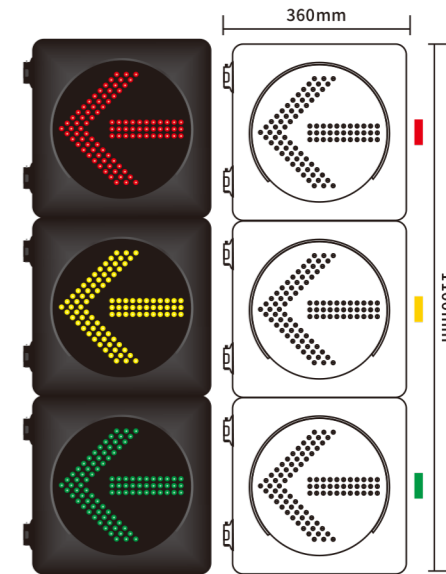
## 300 Arrow Signal Light



JD300-3-AS1Y01



JD300-3-AS2Y01



JD300-3-AS3Y01

## 100 Pedestrian Signal Light

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 100mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the national standard of the People's Republic of China, GB 14887-2011.

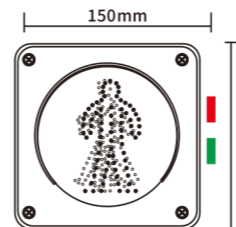
**Housing Material:** Polycarbonate (PC) engineering material, molded in one piece, with a service life of  $\geq 10$  years.

**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

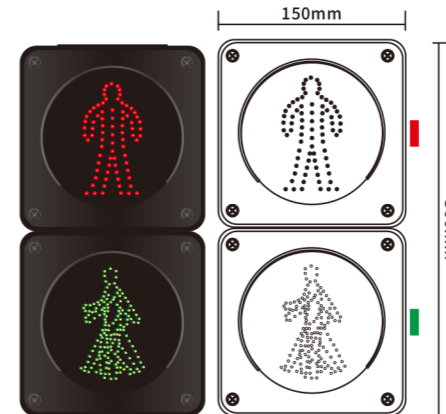
### Technical Parameters

Parameter	Technical Specifications		
Model	RX200-3-AS1Y01	RX200-3-AS2Y01/RX200-3-BS2Y01	RX200-3-AS3Y01
Number of Light Panels	1	2	3
Light-emitting Unit Size	100 (φ100mm)	100 (φ100mm)	100 (φ100mm)
Pattern Combination	Red and green static pedestrian figures	Red static pedestrian figure + green static pedestrian figure + dual-color dual-digit countdown	Red static pedestrian figure + green static pedestrian figure + dual-color dual-digit countdown
Product Weight	0.6kg	1.3kg	2.1kg
Packaging Weight	1.1kg	2kg	2.9kg
Dimensions	150*150*85mm	150*300*85mm	150*450*85mm
Packaging Dimensions	250*190*178mm	400*190*178mm	550*190*178mm
LED Wavelength	Red (625nm) Green (505nm)	Red (625nm) Green (505nm)	Red (625nm) Green (505nm)
LED Light Angle	30°	30°	30°
Power Type	Constant current	Pattern: Constant current; Countdown: Constant voltage;	Pattern: Constant current; Countdown: Constant voltage;
Operating Voltage	DC12~24V, AC176~264V	DC12~24V, AC176~264V	DC12~24V, AC176~264V
Single Light Rated Power	$\leq 6W$	Pattern: $\leq 6W$ ; Countdown: $\leq 10W$ ;	Pattern: $\leq 6W$ ; Countdown: $\leq 10W$ ;
Power Factor	$> 0.85$	$> 0.85$	$> 0.85$
Start/Stop Response Time	$< 100ms$	$< 100ms$	$< 100ms$
Insulation Resistance	$\geq 500M\Omega$	$\geq 500M\Omega$	$\geq 500M\Omega$
Dielectric Strength	$> 1440VAC$	$> 1440VAC$	$> 1440VAC$
Leakage Current	$< 0.5mA$	$< 0.5mA$	$< 0.5mA$
Service Life	$> 50,000$ hours	$> 50,000$ hours	$> 50,000$ hours
Operating Temperature	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$
Protection Level	$\geq IP53$	$\geq IP53$	$\geq IP53$

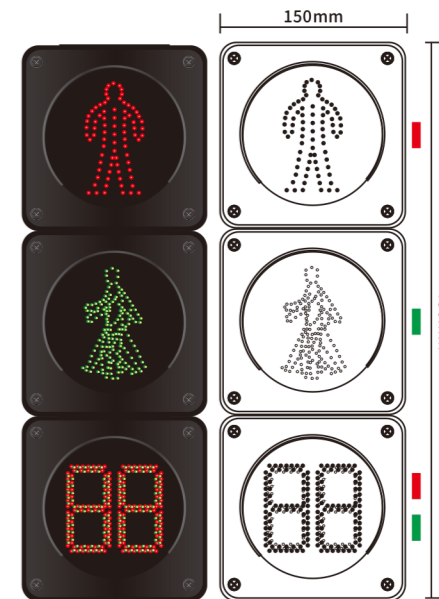
## 100 Pedestrian Signal Light



RX100-3-AS1Y01



RX100-3-AS2Y01/RX100-3-BS2Y01



RX100-3-AS3Y01

## 200 Pedestrian Signal Light

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 200mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the national standard of the People's Republic of China, GB 14887-2011.

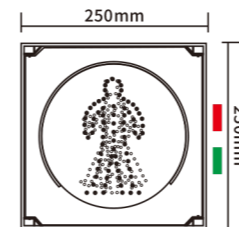
**Housing Material:** Polycarbonate (PC) engineering material, molded in one piece, with a service life of  $\geq 10$  years.

**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

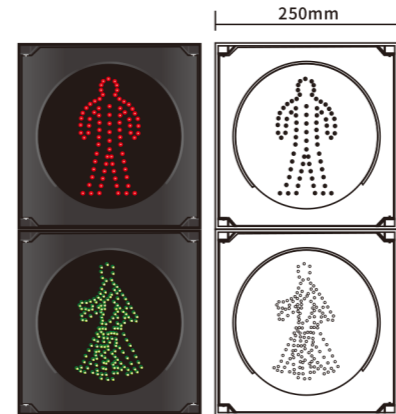
### Technical Parameters

Parameter	Technical Specifications		
Model	RX200-3-AS1Y01	RX200-3-AS2Y01/RX200-3-BS2Y01	RX200-3-AS3Y01
Number of Light Panels	1	2	3
Light-emitting Unit Size	200 (φ200mm)	200 (φ200mm)	200 (φ200mm)
Pattern Combination	Red and green static pedestrian figures	Red static pedestrian figure + green static pedestrian figure / red and green static pedestrian figures + dual-color dual-digit countdown	Red static pedestrian figure + green static pedestrian figure + dual-color dual-digit countdown
Product Weight	1.4kg	3kg	5kg
Packaging Weight	2.7kg	4.5kg	6.9kg
Dimensions	250*250*120mm	250*500*120mm	250*750*120mm
Packaging Dimensions	370*280*175mm	620*280*175mm	870*280*175mm
LED Wavelength	Red (625nm) Green (505nm)	Red (625nm) Green (505nm)	Red (625nm) Green (505nm)
LED Light Angle	30°	30°	30°
Power Type	Constant current	Pattern: Constant current; Countdown: Constant voltage;	Pattern: Constant current; Countdown: Constant voltage;
Operating Voltage	DC12~24V, AC176~264V	DC12~24V, AC176~264V	DC12~24V, AC176~264V
Single Light Rated Power	$\leq 8W$	Pattern: $\leq 8W$ , Countdown: $\leq 15W$	Pattern: $\leq 8W$ , Countdown: $\leq 15W$
Power Factor	$> 0.85$	$> 0.85$	$> 0.85$
Start/Stop Response Time	$< 100ms$	$< 100ms$	$< 100ms$
Insulation Resistance	$\geq 500M\Omega$	$\geq 500M\Omega$	$\geq 500M\Omega$
Dielectric Strength	$> 1440VAC$	$> 1440VAC$	$> 1440VAC$
Leakage Current	$< 0.5mA$	$< 0.5mA$	$< 0.5mA$
Service Life	$> 50,000$ hours	$> 50,000$ hours	$> 50,000$ hours
Operating Temperature	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$
Protection Level	$\geq IP53$	$\geq IP53$	$\geq IP53$

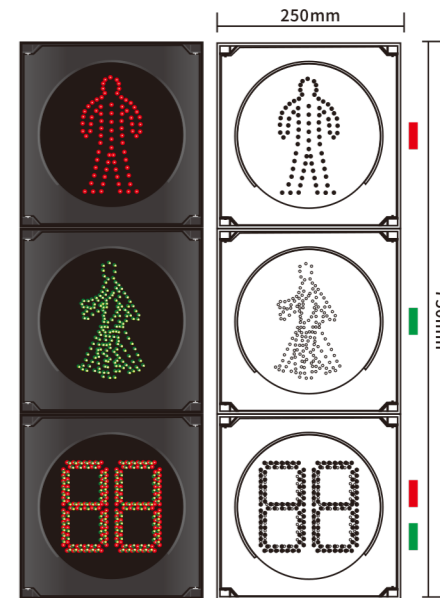
## 200 Pedestrian Signal Light



RX200-3-AS1Y01



RX200-3-AS2Y01/RX200-3-BS2Y01



RX200-3-AS3Y01

## 300 Pedestrian Signal Light

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 300mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the national standard of the People's Republic of China, GB 14887-2011.

**Housing Material:** 1. Polycarbonate (PC) engineering material, molded in one piece, with a service life of  $\geq 10$  years.

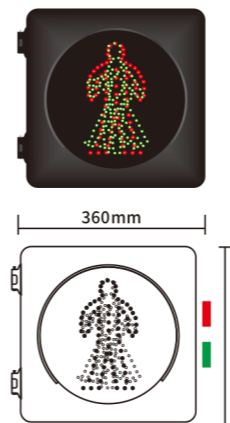
2. Aluminum die-cast material, die-cast in one piece, with a service life of  $\geq 25$  years.

**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

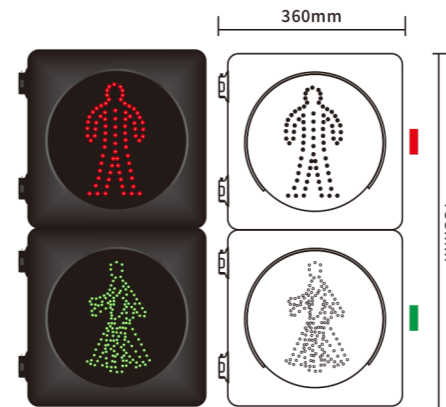
### Technical Parameters

Parameter	Technical Specifications		
Model	RX300-3-AS1Y01/RX300-3-AL1Y01	RX300-3-AS2Y01/RX300-3-AL2Y01	RX300-3-AS3Y01/RX300-3-AL3Y01
Number of Light Panels	1	2	3
Light-emitting Unit Size	300 (φ300mm)	300 (φ300mm)	300 (φ300mm)
Pattern Combination	Red and green static pedestrian figures (green can be dynamic pedestrian figures)	Red static pedestrian figure + green static pedestrian figure / red and green static pedestrian figures + dual-color dual-digit countdown (green can be dynamic pedestrian figures)	Red static pedestrian figure + green static pedestrian figure + dual-color dual-digit countdown (green can be dynamic pedestrian figures)
Product Weight	2.8kg(PC)、4.6kg (Aluminum)	5.3kg(PC)、7.9kg (Aluminum)	8.6kg(PC)、11.9kg (Aluminum)
Packaging Weight	4.8kg(PC)、6.6kg (Aluminum)	8kg(PC)、10.4kg (Aluminum)	11.8kg(PC)、14.9kg (Aluminum)
Dimensions	360*366*120mm	360*733*120mm	360*1100*120mm
Packaging Dimensions	470*400*165mm	835*400*165mm	1202*400*165mm
LED Wavelength	Red (625nm) Green (505nm)	Red (625nm) Green (505nm)	Red (625nm) Green (505nm)
LED Light Angle	30°	30°	30°
Power Type	Constant current	Pattern: Constant current; Countdown: Constant voltage;	Pattern: Constant current; Countdown: Constant voltage;
Operating Voltage	DC12~24V, AC176~264V	DC12~24V, AC176~264V	DC12~24V, AC176~264V
Single Light Rated Power	$\leq 12$ W	Pattern: $\leq 12$ W; Countdown: $\leq 20$ W;	Pattern: $\leq 12$ W; Countdown: $\leq 20$ W;
Power Factor	$> 0.85$	$> 0.85$	$> 0.85$
Start/Stop Response Time	$< 100$ ms	$< 100$ ms	$< 100$ ms
Insulation Resistance	$\geq 500$ MΩ	$\geq 500$ MΩ	$\geq 500$ MΩ
Dielectric Strength	$> 1440$ VAC	$> 1440$ VAC	$> 1440$ VAC
Leakage Current	$< 0.5$ mA	$< 0.5$ mA	$< 0.5$ mA
Service Life	$> 50,000$ hours	$> 50,000$ hours	$> 50,000$ hours
Operating Temperature	$-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$	$-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$	$-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$
Protection Level	$\geq \text{IP53}$	$\geq \text{IP53}$	$\geq \text{IP53}$

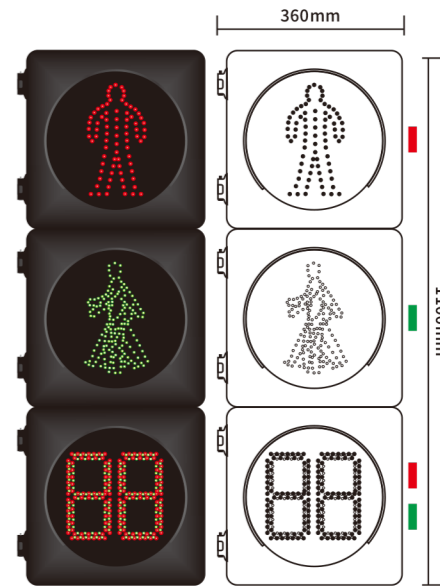
## 300 Pedestrian Signal Light



RX300-3-AS1Y01/  
RX300-3-AL1Y01



RX300-3-AS2Y01/RX300-3-AL2Y01



RX300-3-AS3Y01/RX300-3-AL3Y01

## SH-LED-XL-100-60 >>>>

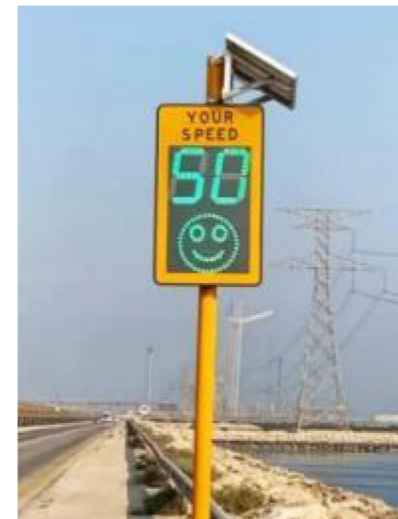
### Features:

- Imported high-precision professional traffic radar, stable and reliable.
- The LED dot matrix display shows speed and text effectively reminds the driver to slow down.
- The radar sensitivity can be adjusted according to road and vehicle conditions.
- Multi-tasking can be realized, applicable to various complex roads
- Different display modes: static display or flashing display.
- Built-in light-sensitive sensor, automatically adjusts the brightness of the display, saves energy and protects the environment.
- AC, DC or solar power supply all supportive.
- Two-color LED with high brightness, red display when speed is exceeded, green display within the safety value.
- Integrated box design and 3M brand super quality reflective film.

### Parameter:

- Size: 1000x600mm
- LED display size: 470x380mm
- LED color: red/green
- Speed range: 10-199Km/ H(MPH custom available)
- Accuracy:  $\pm 1$  KM/ H( MPH)-Radar: 24. 125GHz (K-band)
- Unit: KMH /MPH
- Detection Distance: Cagon 300 meters  
Trolley 200 meters
- Visible distance: 300m
- Operating temperature: - 20°C~ 70°C-Power: DC, AC, solar power ( 60W30A)
- Warranty: two years

## SH-LED-XL-100-60 >>>>



## 200 Lane Signal Light

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 100mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the national standard of the People's Republic of China, GB 14887-2011.

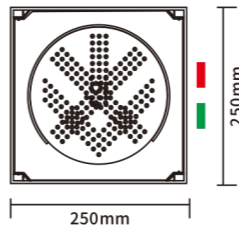
**Housing Material:** Polycarbonate (PC) engineering material, molded in one piece, with a service life of  $\geq 10$  years.

**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

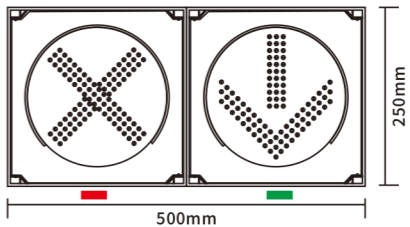
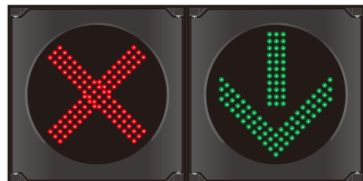
### Technical Parameters

Parameter	Technical Specifications	
Model	CD200-3-BS1Y01	CD200-3-BS2Y01
Number of Light Panels	1	2
Light-emitting Unit Size	200 (φ200mm)	200 (φ200mm)
Pattern Combination	Red X, Green arrow	Red X + Green arrow
Product Weight	1.4kg	3kg
Packaging Weight	2.7kg	4.5kg
Dimensions	250*250*120mm	250*500*120mm
Packaging Dimensions	370*280*175mm	620*280*175mm
LED Wavelength	Red (625nm) Green (505nm)	Red (625nm) Green (505nm)
LED Light Angle	30°	30°
Power Type	Constant current	Pattern: Constant current; Countdown: Constant voltage;
Operating Voltage	DC12~24V, AC176~264V	DC12~24V, AC176~264V
Single Light Rated Power	$\leq 8W$	$\leq 8W$
Power Factor	$> 0.85$	$> 0.85$
Start/Stop Response Time	$< 100ms$	$< 100ms$
Insulation Resistance	$\geq 500M\Omega$	$\geq 500M\Omega$
Dielectric Strength	$> 1440VAC$	$> 1440VAC$
Leakage Current	$< 0.5mA$	$< 0.5mA$
Service Life	$> 50,000$ hours	$> 50,000$ hours
Operating Temperature	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$
Protection Level	$\geq IP53$	$\geq IP53$

## 200 Lane Signal Light



CD200-3-BS1Y01



CD200-3-BS2Y01

## 300 Lane Signal Light

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 300mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the national standard of the People's Republic of China, GB 14887-2011.

**Housing Material:** 1. Polycarbonate (PC) engineering material, molded in one piece, with a service life of  $\geq 10$  years.

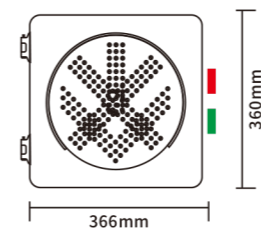
2. Aluminum die-cast material, die-cast in one piece, with a service life of  $\geq 25$  years.

**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

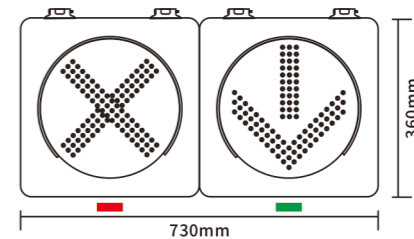
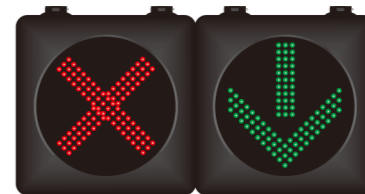
### Technical Parameters

Parameter	Technical Specifications	
Model	CD300-3-BS1Y01/CD300-3-BL1Y01	CD300-3-AS2Y01/CD300-3-AL2Y01
Number of Light Panels	1	2
Light-emitting Unit Size	300 (φ300mm)	300 (φ300mm)
Pattern Combination	Red X, Green arrow	Red X + Green arrow
Product Weight	2.8kg(pc), 4.6kg (Aluminum)	5.3kg(pc), 7.9kg (Aluminum)
Packaging Weight	4.8kg(pc), 6.6kg (Aluminum)	8kg(pc), 10.4kg (Aluminum)
Dimensions	360*366*120mm	360*733*120mm
Packaging Dimensions	470*400*165mm	835*400*165mm
LED Wavelength	Red (625nm) Green (505nm)	Red (625nm) Green (505nm)
LED Light Angle	30°	30°
Power Type	Constant current	Pattern: Constant current; Countdown: Constant voltage;
Operating Voltage	DC12~24V, AC176~264V	DC12~24V, AC176~264V
Single Light Rated Power	$\leq 12$ W	$\leq 12$ W
Power Factor	$> 0.85$	$> 0.85$
Start/Stop Response Time	$< 100$ ms	$< 100$ ms
Insulation Resistance	$\geq 500$ MΩ	$\geq 500$ MΩ
Dielectric Strength	$> 1440$ VAC	$> 1440$ VAC
Leakage Current	$< 0.5$ mA	$< 0.5$ mA
Service Life	$> 50,000$ hours	$> 50,000$ hours
Operating Temperature	-40°C~80°C	-40°C~80°C
Protection Level	$\geq IP53$	$\geq IP53$

## 300 Lane Signal Light



CD300-3-BS1Y01/CD300-3-BL1Y01



CD300-3-AS2Y01/CD300-3-AL2Y01

## Speed Measurement Signboard

### Product Function Introduction

This product is designed for use on highways, general roads, and accident-prone sections. By incorporating a speed measurement display screen, it enhances the control of passing vehicles, promptly reminding drivers to reduce speed and pay attention to safety. At the same time, it encourages drivers to voluntarily lower their speed in a more humane manner, thereby achieving the goal of preventing traffic accidents.

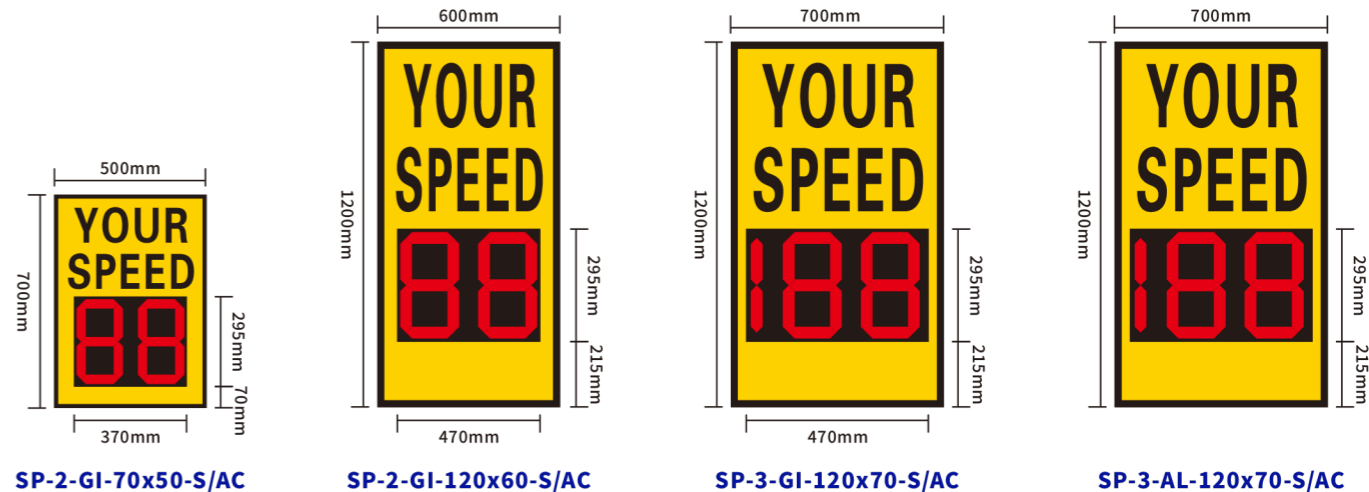
#### Features:

The speed measurement display screen can provide the speed of incoming vehicles and display it on the digital screen. Its integrated structural design ensures simple and convenient installation and maintenance. Parameters can be configured via Bluetooth, making it user-friendly.

### Technical Parameters

Parameter	Technical Specifications			
Product Model	SP-2-GI-70x50-S/AC	SP-2-GI-120x60-S/AC	SP-3-GI-120x70-S/AC	SP-3-AL-120x70-S/AC
Enclosure Dimensions (H*W*D)	700*500*70mm	1200*600*70mm	1200*700*70mm	1200*700*70mm
Material (Thickness)	Galvanized Steel (0.8mm)		Galvanized Steel (1.0mm)	Aluminum Plate (1.5mm)
Surface Treatment	Traffic Yellow Spray Coating		Traffic Yellow Spray Coating	Traffic Yellow Spray Coating + 3M Reflective Film
LED Display Digits (Range)	Two Digits (5-99 km/h)		Three Digits (5-199 km/h)	
LED Display Screen Size	370*295mm	470*370mm	550*370mm	
Speed Radar Frequency	24.15GHz		24.15GHz	
Radar Detection Distance	0-100m		0-200m	
Radar Speed Measurement Range	0-100km/h		0-200km/h	
Radar Measurement Accuracy	< 2km/h		< 2km/h	
Parameter Setting	Adjustable Speed Limit Threshold			
Configuration Method	Bluetooth APP			
Peak Power Consumption	<10W			
Low Power Design	Utilizes PWM technology with adaptive brightness; higher brightness during the day, lower at night			
Power Supply	Solar Power: DC12V / Mains Power: AC85V~264V			

## Speed Measurement Signboard



## SH-LED-XL-75-60

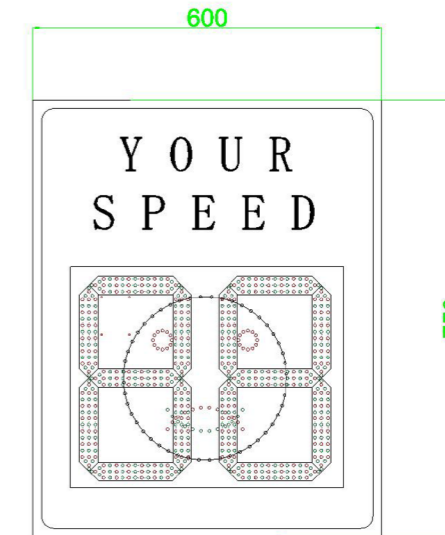
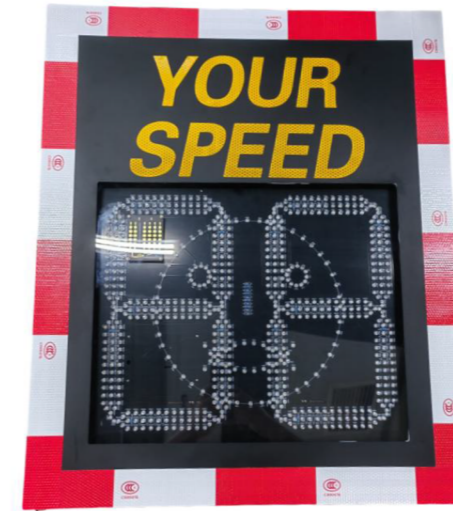
### Features:

- Imported high-precision professional traffic radar, stable and reliable.
- The LED dot matrix display shows speed and text effectively reminds the driver to slow down.- The radar sensitivity can be adjusted according to road and vehicle conditions.
- Multi-tasking can be realized, applicable to various complex roads.
- Different display modes: static display or flashing display.
- Built-in light-sensitive sensor, automatically adjusts the brightness of the display, saves energy and protects the environment.
- AC, DC or solar power supply all supportive.
- Two-color LED with high brightness, red display when speed is exceeded, green display within the safety value.
- Integrated box design and 3M brand super quality reflective film.

### - Parameter:

- Size: 750x600mm
- LED display size: 470x380mm
- LED color: red/green-Speed range: 10-199Km/ H(MPH custom available)
- Accuracy:  $\pm 1$  KM/ H( MPH)-Radar: 24. 125GHz (K-band)
- Trailer-Visible distance: 300m
- Operating temperature:  $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ -Power: DC, AC, solar power ( 60W30A)
- Warranty: two years
- Optionals:
- Data statistics function
- Wireless remote control
- Wireless data download
- Solar panel and battery
- Traile

## SH-LED-XL-75-60



## Dot Matrix Countdown

### Product Function Introduction

The countdown is composed of LED display modules and complies with the Public Safety Industry Standard of the People's Republic of China GA/T 508-2014. The countdown features a metal black housing, uses LED beads as the light source, and adopts an ultra-thin design for easy installation.

**Housing Material:** Metal sheet material, formed by sheet metal processing, with a service life of  $\geq 25$  years.

**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

### Technical Parameters

Parameter	Technical Specifications	
Model	DX-3-T(C, G)-0-JK865P	DX-3-T(C, G)-1(0)-JK760
Light-emitting Unit Size	800*640	250*450mm
Pattern Combination	Dot matrix pattern display	88
Product Weight	24kg	10.2kg
Packaging Weight	26kg	12.4kg
Dimensions	865*705*105mm	760*630*112mm
Packaging Dimensions	875*715*130mm	800*680*150mm
LED Wavelength	Red (625nm) Green (505nm)	Red (625nm) Green (505nm)
LED Light Angle	30°	30°
Power Type	Constant voltage power supply	Constant voltage power supply
Operating Voltage	AC176~264V	DC24V, AC176~264V
Segment Count	/	14 segments
Operation Modes	Trigger / Follow / Communication	Trigger / Follow / Communication
Learning Cycle	$\leq 2$	$\leq 2$
Maximum Display Number	199	99
Single Light Rated Power	$\leq 50W$	$\leq 25W$
Insulation Resistance	$\geq 500M\Omega$	$\geq 500M\Omega$
Dielectric Strength	$> 1440VAC$	$> 1440VAC$
Leakage Current	$< 0.5mA$	$< 0.5mA$
Service Life	$> 50,000$ hours	$> 50,000$ hours
Operating Temperature	$-40^{\circ}C \sim 80^{\circ}C$	$-40^{\circ}C \sim 80^{\circ}C$
Protection Level	$\geq IP53$	$\geq IP53$

## Segment Countdown

### Product Function Introduction

The countdown is composed of segment blocks and complies with the Public Safety Industry Standard of the People's Republic of China GA/T 508-2014. The countdown features a transparent PC cover and a black housing, uses LED beads as the light source, and adopts an ultra-thin design for easy installation.

**Housing Material:** Aluminum die-cast material, die-cast in one piece, with a service life of  $\geq 25$  years.

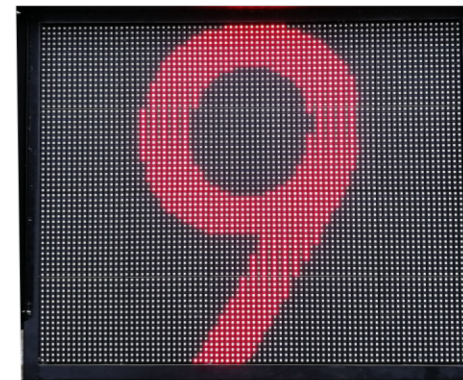
**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

## Dot Matrix Countdown



DX-3-T(C, G)-0-JK865P

## Segment Countdown



DX-3-T(C, G)-1(0)-JK760

## 100 Yellow Flashing Signal Light

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 100mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the Flashing Warning Signal Light Standard GA/T 743-2016.

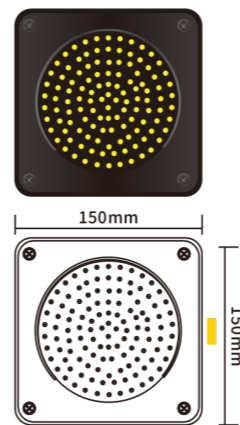
**Housing Material:** Polycarbonate (PC) engineering material, molded in one piece, with a service life of  $\geq 10$  years.

**Features:** High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

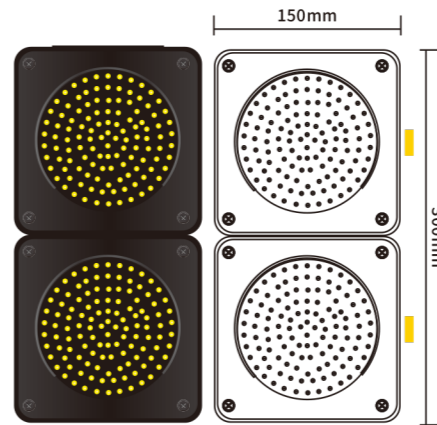
### Technical Parameters

Parameter	Technical Specifications		
Model	SJX100-AC-D-AS1Y01	SJX100-AC-D-AS2Y01	SJX100-DC-D-AS1Y01
Number of Light Panels	1	2	1
Light-emitting Unit Size	100 (φ100mm)	100 (φ100mm)	100 (φ100mm)
Pattern Combination	Full yellow screen	Full yellow screen + Full yellow flashing screen	Full yellow screen
Product Weight	0.6kg	1.3kg	0.6kg
Packaging Weight	1.1kg	2kg	1.1kg
Dimensions	150*150*85mm	150*300*85mm	150*150*85mm
Packaging Dimensions	250*190*178mm	400*190*178mm	250*190*178mm
LED Wavelength	Yellow (590nm)	Yellow (590nm)	Yellow (590nm)
LED Light Angle	30°	30°	30°
Power Type	Constant voltage power supply	Constant voltage power supply	Constant voltage power supply
Operation Modes	Flash/Burst flash	Flash/Burst flash	Always on/Off during the day, on at night. Flash/Burst flash
Operating Voltage	AC176~264V	AC176~264V	DC12~24V
Battery Parameters	/	/	12V7AH
Solar Panel Parameters	/	/	18V15W
Single Light Rated Power	$\leq 6$ W	$\leq 6$ W	$\leq 6$ W
Flashing Frequency	50 times per minute	50 times per minute	50 times per minute
Flashing Duty Cycle	3	3	3
Insulation Resistance	$\geq 500$ MΩ	$\geq 500$ MΩ	$\geq 500$ MΩ
Dielectric Strength	$> 1440$ VAC	$> 1440$ VAC	$> 1440$ VAC
Leakage Current	$< 0.5$ mA	$< 0.5$ mA	$< 0.5$ mA
Service Life	$> 50,000$ hours	$> 50,000$ hours	$> 50,000$ hours
Operating Temperature	$-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$	$-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$	$-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$
Protection Level	$\geq \text{IP53}$	$\geq \text{IP53}$	$\geq \text{IP53}$

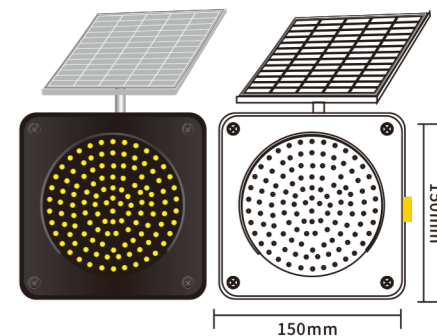
## 100 Yellow Flashing Signal Light



SJX100-AC-D-AS1Y01



SJX100-AC-D-AS2Y01



SJX100-DC-D-AS1Y01

## 200 Yellow Flashing Signal Light >>>>

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 200mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the Flashing Warning Signal Light Standard GA/T 743-2016.

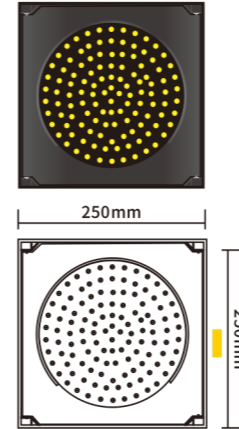
Housing Material: Polycarbonate (PC) engineering material, molded in one piece, with a service life of ≥10 years.

Features: High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

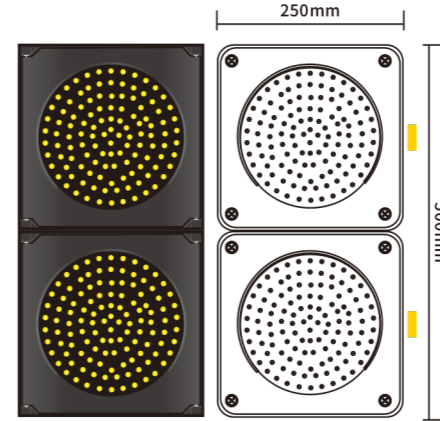
### Technical Parameters

Parameter	Technical Specifications		
Model	SJX200-AC-D-AS1Y01	SJX200-AC-D-AS2Y01	SJX200-DC-D-AS1Y01
Number of Light Panels	1	2	1
Light-emitting Unit Size	200 (φ200mm)	200 (φ200mm)	200 (φ200mm)
Pattern Combination	Full yellow screen	Full yellow screen + Full yellow flashing screen	Full yellow screen
Product Weight	1.4kg	3kg	1.4kg
Packaging Weight	2.7kg	4.5kg	2.7kg
Dimensions	250*250*120mm	250*500*120mm	250*250*120mm (light housing)
Packaging Dimensions	370*280*175mm	620*280*175mm	370*280*175mm (light housing)
LED Wavelength	Yellow (590nm)	Yellow (590nm)	Yellow (590nm)
LED Light Angle	30°	30°	30°
Power Type	Constant voltage power supply	Constant voltage power supply	Constant voltage power supply
Operation Modes	Flash/Burst flash	Flash/Burst flash	Always on/Off during the day, on at night. Flash/Burst flash
Operating Voltage	AC176~264V	AC176~264V	DC12~24V
Battery Parameters	/	/	12V7AH
Solar Panel Parameters	/	/	18V15W
Single Light Rated Power	≤8W	≤8W	≤8W
Flashing Frequency	50 times per minute	50 times per minute	50 times per minute
Flashing Duty Cycle	3	3	3
Insulation Resistance	≥500MΩ	≥500MΩ	≥500MΩ
Dielectric Strength	>1440VAC	>1440VAC	>1440VAC
Leakage Current	<0.5mA	<0.5mA	<0.5mA
Service Life	>50,000 hours	>50,000 hours	>50,000 hours
Operating Temperature	-40°C~80°C	-40°C~80°C	-40°C~80°C
Protection Level	≥IP53	≥IP53	≥IP53

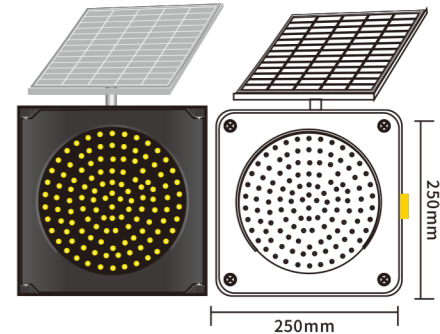
## 200 Yellow Flashing Signal Light >>>>



SJX200-AC-D-AS1Y01



SJX200-AC-D-AS2Y01



SJX200-DC-D-AS1Y01

## 300 Yellow Flashing Signal Light

### Product Function Introduction

The signal light features a transparent PC lens cover and a black housing. It uses LED beads as the light source, with an ultra-thin design and a 200mm diameter light-emitting surface, making it easy for various combinations and simple installation. It complies with the Flashing Warning Signal Light Standard GA/T 743-2016.

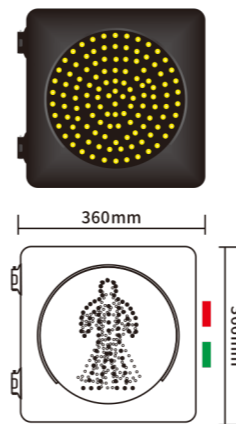
Housing Material: Polycarbonate (PC) engineering material, molded in one piece, with a service life of ≥10 years.

Features: High strength, high temperature resistance, anti-aging. Sealed with silicone rubber seals, dustproof, waterproof, and flame retardant.

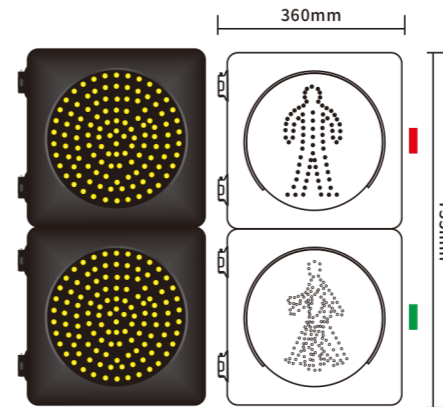
### Technical Parameters

Parameter	Technical Specifications		
Model	SJX300-AC-D-AS1Y01/SJX300-AC-D-AL1Y01	SJX300-AC-D-AS2Y01/SJX300-AC-D-AL2Y01	SJX300-DC-D-AS1Y01/SJX300-DC-D-AL1Y01
Number of Light Panels	1	2	1
Light-emitting Unit Size	300 (φ300mm)	300 (φ300mm)	300 (φ300mm)
Pattern Combination	Full yellow screen	Full yellow screen + Full yellow flashing screen	Full yellow screen + SLOW pattern
Product Weight	2.8kg(pc), 4.6kg (Aluminum)	5.3kg(pc), 7.9kg (Aluminum)	2.8kg(pc), 4.6kg (Aluminum)
Packaging Weight	4.8kg(pc), 6.6kg (Aluminum)	8kg(pc), 10.4kg (Aluminum)	4.8kg(pc), 6.6kg (Aluminum)
Dimensions	360*366*120mm	360*733*120mm	360*366*120mm (light housing)
Packaging Dimensions	470*400*165mm	835*400*165mm	470*400*165mm (light housing)
LED Wavelength	Yellow (590nm)	Yellow (590nm)	Yellow (590nm)
LED Light Angle	30°	30°	30°
Power Type	Constant voltage power supply	Constant voltage power supply	Constant voltage power supply
Operation Modes	Flash/Burst flash	Flash/Burst flash	Always on/Off during the day,on at night. Flash/Burst flash
Operating Voltage	AC176~264V	AC176~264V	DC12~24V
Battery Parameters	/	/	12V7AH
Solar Panel Parameters	/	/	18V15W
Single Light Rated Power	≤12W	≤12W	≤12W
Flashing Frequency	50 times per minute	50 times per minute	50 times per minute
Flashing Duty Cycle	3	3	3
Insulation Resistance	≥500MΩ	≥500MΩ	≥500MΩ
Dielectric Strength	>1440VAC	>1440VAC	>1440VAC
Leakage Current	<0.5mA	<0.5mA	<0.5mA
Service Life	>50,000 hours	>50,000 hours	>50,000 hours
Operating Temperature	-40°C~80°C	-40°C~80°C	-40°C~80°C
Protection Level	≥IP53	≥IP53	≥IP53

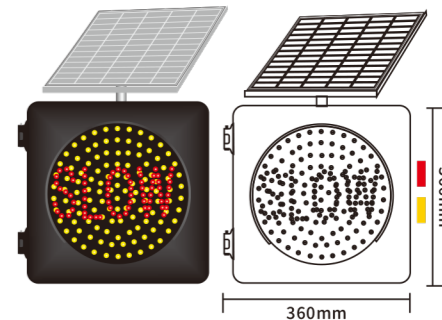
## 300 Yellow Flashing Signal Light



SJX300-AC-D-AS1Y01/  
SJX300-AC-D-AL1Y01



SJX300-AC-D-AS2Y01/  
SJX300-AC-D-AL2Y01



SJX300-DC-D-AS1Y01/  
SJX300-DC-D-AL1Y01

## Reflective sign >>>>



No straight driving and left turn



No straight driving and right turn



No U-turn



No overtaking



Removal of overtaking ban



No honking



Width limit



Height limit



Mass limit



Axle weight limit



Honk



Minimum speed limit



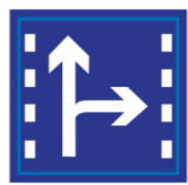
Pedestrian crossing



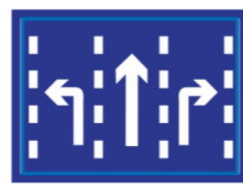
Right turn lane



Straight lane



Straight and right turn lane



Directional lane



Bus lane

## Active Luminous Signs >>>>



Linear Guidance Markers



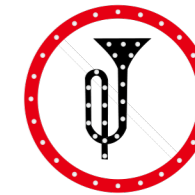
Speed Limit



Height limit



Axle Weight Limit



No Honking



Construction



Pedestrian Crossing Ahead



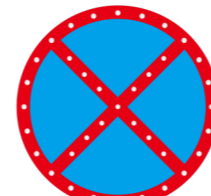
T-Junction



Accident-Prone Section



Village



No Parking



U-Turn Allowed



Roundabout



Non-Motor Vehicle Lane



Keep Right

## Solar Traffic Signal Controller >>>>

### Product Function Introduction

This product is designed for use on highways, general roads, and accident-prone sections. By integrating a speed detection display, it enhances the control of passing vehicles, promptly reminding drivers to reduce speed and pay attention to safety. At the same time, it encourages drivers to consciously lower their speed in a more user-friendly manner, thereby achieving the goal of preventing traffic accidents.

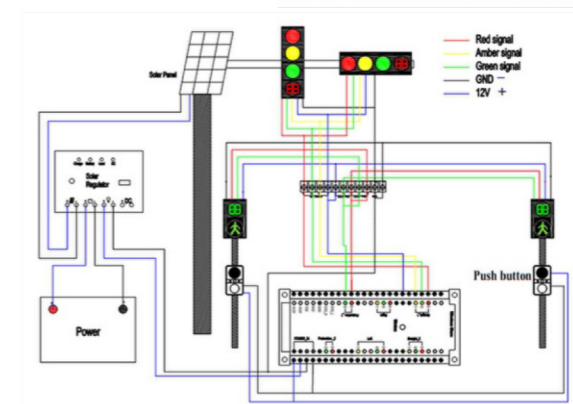
Housing Material:

1. The speed detection display provides the speed of incoming vehicles and displays it on the digital screen.
2. Integrated structural design ensures simple and convenient installation and maintenance.
3. Parameters can be configured via Bluetooth for ease of use.

### Technical Parameters

Parameter	Technical Specifications
Model	XHJ-CW-GA-JKC200-S
Function	48 signal output terminals (expandable to 96), allowing flexible configuration of signal light combinations for various directions and lanes. Each terminal supports a load of up to 5A/220VAC.
	Supports pulse countdown and communication-based countdown output functions.
	Features yellow flash control, multi-period timing control, manual control, cableless coordinated control (green wave control), backend host control, special holiday control, security task control, and pedestrian crossing functions.
Daily Schedule Settings	20 schedule tables, each daily plan can set 10 periods, with each period running a phase table or special phase. Control mode, yellow light time, green flash time, and clearance time can also be configured.
Phase Table Settings	32 phase tables, each phase table can set 16 steps.
Holiday Schedule Setting	16 holiday tables can be set, each table can specify start and end times. During this period, the operation plan runs according to the selected daily schedule table.
Communication Interfaces	12 RS232 communication interfaces and 1 10/100 Base-T Ethernet interface (RJ-45).
Network Communication Function	Through the RJ45 interface
Information Screen Display Functionality	Allowing simultaneous connection to 6 display screens for real-time display of backend configuration information.
Bluetooth APP Configuration	The signal controller supports Bluetooth APP configuration.
Power Supply	Solar power DC24V.

## Solar Traffic Signal Controller >>>>



XHJ-CW-GA-JKC200-S

## Road Traffic Signal Controller

### Product Function Introduction

This product is designed for use on highways, general roads, and accident-prone sections. By integrating a speed detection display, it enhances the control of passing vehicles, promptly reminding drivers to reduce speed and pay attention to safety. At the same time, it encourages drivers to consciously lower their speed in a more user-friendly manner, thereby achieving the goal of preventing traffic accidents.

Key Features:

1. The speed detection display provides the speed of incoming vehicles and displays it on the digital screen.
2. Integrated structural design ensures simple and convenient installation and maintenance.
3. Parameters can be configured via Bluetooth for ease of use.

### Technical Parameters

Parameter	Technical Specifications	Parameter	Technical Specifications
Model	XHJ-CW-GA-JKC200-A	Execution Standard	GB25280-2016
Display Type	7-inch LCD screen	Dimensions	170mm*120mm*55mm 50±2Hz
Function	48 signal output terminals (expandable to 96), allowing flexible configuration of signal light combinations for various directions and lanes. Each terminal supports a load of up to 5A/220VAC.	Indicator Light, Backlight Operating Voltage	5V
	Supports pulse countdown and communication-based countdown output functions.	Backlight Brightness	≥300 cd/m2;
	Features yellow flash control, multi-period timing control, manual control, cableless coordinated control (green wave control), backend host control, special holiday control, security task control, and pedestrian crossing functions.	Control Method	Mechanical Switch
Daily Schedule Settings	20 schedule tables, each daily plan can set 10 periods, with each period running a phase table or special phase. Control mode, yellow light time, green flash time, and clearance time can also be configured.	Power Supply	Isolated Switching Power Supply
Phase Table Settings	32 phase tables, each phase table can set 16 steps.	Insulation Strength	>2MΩ;
Holiday Schedule Setting	16 holiday tables can be set, each table can specify start and end times. During this period, the operation plan runs according to the selected daily schedule table.	Withstand Voltage	AC1500V
Communication Interfaces	12 RS232 communication interfaces and 1 10/100 Base-T Ethernet interface (RJ-45).	Installation Environment	Outdoor
Network Communication Function	Through the RJ45 interface	Operating Temperature	-20℃ ~ +80℃
Information Screen Display Functionality	Allowing simultaneous connection to 6 display screens for real-time display of backend configuration information.	Storage Temperature	-45℃ ~ +80℃
Bluetooth APP Configuration	The signal controller supports Bluetooth APP configuration.	Relative Humidity	95% ± 2% (40 ± 1℃)
Power Supply	AC176V~264V.	Protection Level	IP53

## Pedestrian Crossing Button

### Product Function Introduction

A pedestrian crossing request product designed to work in conjunction with road traffic signal controllers. It provides a button request for pedestrians preparing to cross the street based on the status of the pedestrian signal, reducing waiting time for pedestrians crossing the road. This fully embodies the humanized design of road traffic safety facilities.

### Technical Specifications

## Road Traffic Signal Controller



XHJ-CW-GA-JKC200-A

## Pedestrian Crossing Button



GB25280-2016

## Mobile Solar Signal Light

### Product Function Introduction

The mobile signal light consists of a base, a pole, and a light box.

The signal light features a transparent PC cover, a black metal shell with yellow reflective film, making it both aesthetically pleasing and highly visible.

It uses LED beads as the light source, with a 300mm light-transmitting surface, allowing for various combinations and easy installation.

Supports the optional manual lifter with a lifting height of approximately 500mm.

The signal controller supports multi-phase and multi-period control, as well as modes such as yellow flash, all-red, and manual control.

Supports functions like battery level detection and remaining power display, and can automatically adjust brightness based on day and night conditions (to prevent dim visibility during the day and glare at night).

### Technical Parameters

Parameter	Technical Specifications		
Model	SJD300-3-CL1Y01YD	SFX300-3-CL2Y01YD	SJD300-3-AL3Y01YD/SFX300-3-CL3Y01YD
Number of Light Panels	Four sides with one light	Four sides with two lights	Four sides with three lights
Light-emitting Unit Size	300 (φ300mm)	300 (φ300mm)	300 (φ300mm)
Pattern Combination	Four-sided three-color same-screen motorized signal light	Four-sided three-color same-screen arrow signal light	Four-sided three-lamp full-screen signal light / Four-sided three-lamp three-color same-screen arrow signal light
Product Weight	45kg	65kg	75kg
Dimensions	2300*510*730mm	2450*715*890mm	2630*715*890mm
LED Wavelength	Red (625nm), Yellow (590nm), Green (505nm)	Red (625nm), Yellow (590nm), Green (505nm)	Red (625nm), Yellow (590nm), Green (505nm)
LED Light Angle	30°	30°	30°
Power Type	Constant voltage power supply	Constant voltage power supply	Constant voltage power supply
Signal Light Power	≤10W	≤10W	≤10W
Operating Voltage	DC12V	DC12V	DC12V
Battery Parameters	12V38AH、12V38AH*2 (optional)	12V38AH*2	12V38AH*2
Solar Panel Parameters	18V20W	18V20W*2	18V20W*2
Signal Controller Function	Supports 9 time period settings and has 36 signal outputs	Supports 9 time period settings and has 36 signal outputs	Supports 9 time period settings and has 36 signal outputs
Charging Mode	Equipped with battery charging management to improve battery life	Equipped with battery charging management to improve battery life	Equipped with battery charging management to improve battery life
Service Life	>50,000 hours	>50,000 hours	>50,000 hours
Operating Temperature	-40°C~80°C	-40°C~80°C	-40°C~80°C
Protection Level	≥IP53	≥IP53	≥IP53

## Mobile Solar Signal Light



SJD300-3-CL1Y01YD



SFX300-3-CL2Y01YD



SJD300-3-AL3Y01YD/  
SFX300-3-CL3Y01YD