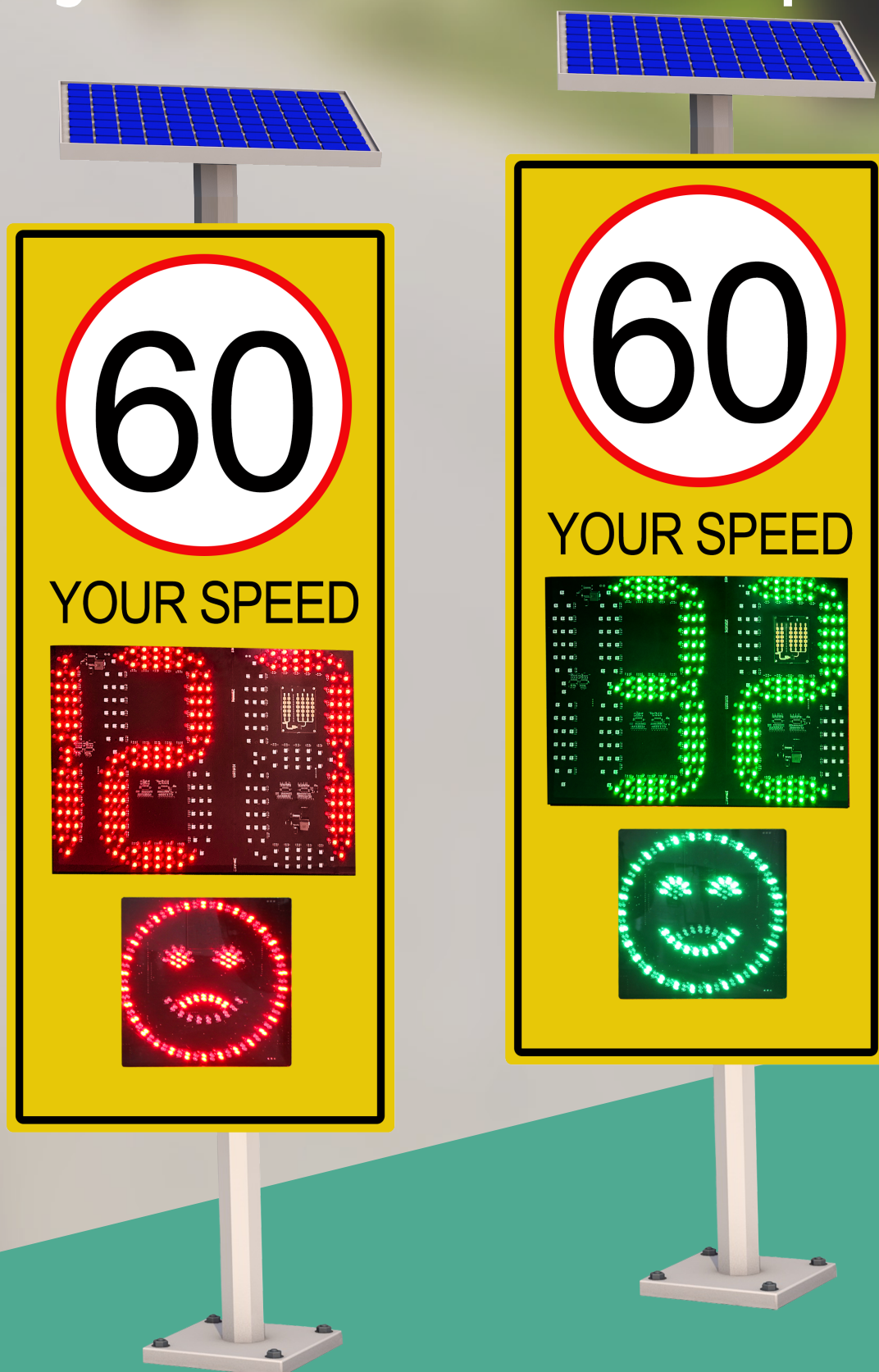


# 2 and half digit and smile face red green color radar speed sign



IP54



ISO





2 and half digit and smile face 2 color radar speed sign uses the principle of radar speed measurement, combined with LED technology, to display the speed of the vehicle to the driver in time. Generally speaking, the speed feedback sign consists of three parts: 1) Speed limit sign; 2) Radar speed measuring device; 3) Electronic display board; The display board will show the speed of the vehicle, and if there are multiple vehicles driving in the area at the same time, the electronic display board will show the speed of the fastest vehicle among these vehicles.

2 and half digit and smile face 2 color radar speed sign is the solution that fits your budget. This compact radar speed sign offers exceptional visibility and power efficiency in a lightweight and portable solution. Featuring the options you need at remarkably affordable pricing, the LPRS driver feedback sign will help you keep your neighborhoods safe for years to come.

2 and half digit and smile face 2 color Radar Speed Sign feedback sign is a device equipped with a speed limit sign and can display the speed of passing vehicles in the detection area on the LED screen in real-time. The vehicle speed feedback sign is widely used in the subsequent radar speed measurement.

188 and smile face 2 color Radar Speed Sign displays the speed of the vehicle on the LED screen through radar speed measurement. The advanced speed feedback sign can also display the green speed value for average speed, and the read speed value for Overspeed to warn the driver. Drivers pay attention to controlling their speed. Surveys have shown that vehicle feedback signs can be effective in reducing vehicle speed.

The power supply mode of the vehicle speed feedback sign can be a 220V mains power supply, or it can be combined with a solar panel and battery power supply. In other remote speed-limited sections such as highways that is not convenient to use electricity, the solar power supply is efficient.

## Features

The mobile phone APP to set parameters within 10 meters, and can support Apple, Android and Hongmeng operating systems.

There are ten levels of sensitivity. 1 is the highest sensitivity and 10 is the lowest sensitivity.

There are ten levels of brightness. 1 is the darkest and 10 is the brightest

Imported raw materials (including Taiwan-made) high-brightness light-emitting diodes (LEDs), higher brightness and longer life, the lamp beads are eye-catching and distinct in color, and have good visibility both during the day and at night.

Imported professional traffic radar is adopted, with high-precision vehicle real-time display function, accurate and reliable speed measurement results, strong anti-drying ability and high precision.

Radar speed limit card supports customization, which are 20, 30, 40, 50, 60... or other customized values.

188 and smile face 2 color radar speed sign supports a variety of power supply methods (solar, AC, current or battery). Solar power supply continuous rainy days for 7-10 working days.

radar speed speed sign is sealed and waterproof, and can adapt to all kinds of bad weather.

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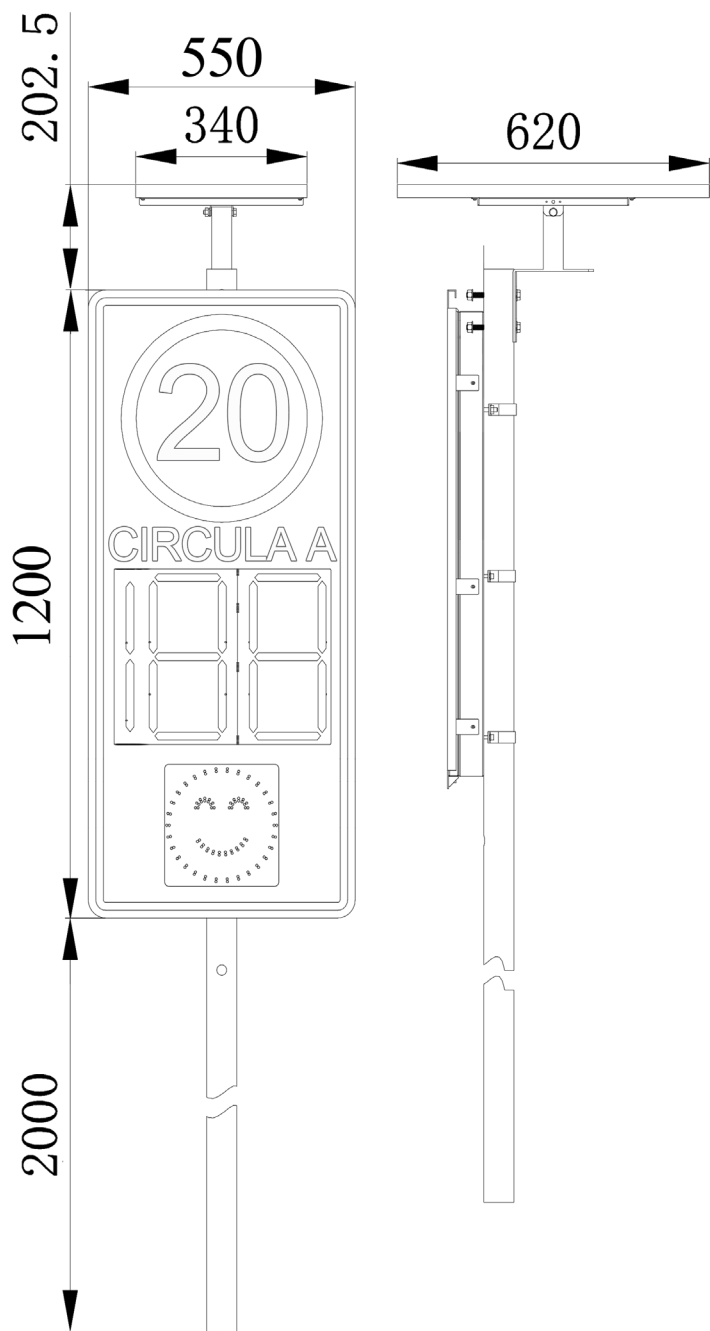
RoHS  
COMPLIANT

ISO

1  
YEARS  
WARRANTY

# 188 and smile face 2 color Radar Speed Sign

Size:



## Applications

It is suitable for occasions requiring traffic management such as highways, airports, mines, enterprises, schools, hospitals, etc

## Display parameter

|                                 |                                                                                                                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product size                    | 1200*550*90mm                                                                                                                                                                           |
| 188 digital screen LED quantity | Total 270 (red and green two-in-one)                                                                                                                                                    |
| Smile face screen LED quantity  | green:104 red:88                                                                                                                                                                        |
| LED Brightness                  | red, 120° , 5050, luminous intensity (550 – 750 mcd/LED)<br>Green, 120° , 5050, luminous intensity (800 – 1400 mcd/LED)                                                                 |
| Raw material                    | Imported raw materials (including Taiwan-made) high-brightness light-emitting diodes (LEDs)                                                                                             |
| Light decay                     | 10000h/3 years working time, light decay (mcd) ≤20%                                                                                                                                     |
| 3M Mode Material                | 3M engineering grade(yellow or white can be optional)                                                                                                                                   |
| Front speed limit pane          | 20 km/30/40/50/60(optional)                                                                                                                                                             |
| PCB material                    | Epoxy glass cloth laminate (FR4), using Kingboard A2 sheet, thickness ≥1.6mm                                                                                                            |
| Weatherproof Rating             | Weatherproof, IP54 level compliant. Non-sealed and ventilated.                                                                                                                          |
| Three-proof treatment           | The use of silicone three-proof paint, evenly brushed on one side of the PCB circuit, can effectively prevent moisture, salt spray, anti-static, anti-mildew, and other characteristics |
| Visible distance                | Above 300 Meters                                                                                                                                                                        |
| Mounting Height                 | 2.5 – 4m                                                                                                                                                                                |
| tandard Mounting                | 60mm galvanised steel column                                                                                                                                                            |
| Operating Temperatures          | -30° to +60° C°                                                                                                                                                                         |
| ertified                        | ISO 9001: 2015,CE                                                                                                                                                                       |
| Warranty Period                 | 1 year                                                                                                                                                                                  |

## Power Options

|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| Solar Panel Options   | 100W                                                                   |
| Battery               | 50ah or 100ah lithium battery (advise you buy it in your local market) |
| Continuous rainy days | 7-10 days(Depends on the traffic volume at the intersection)           |

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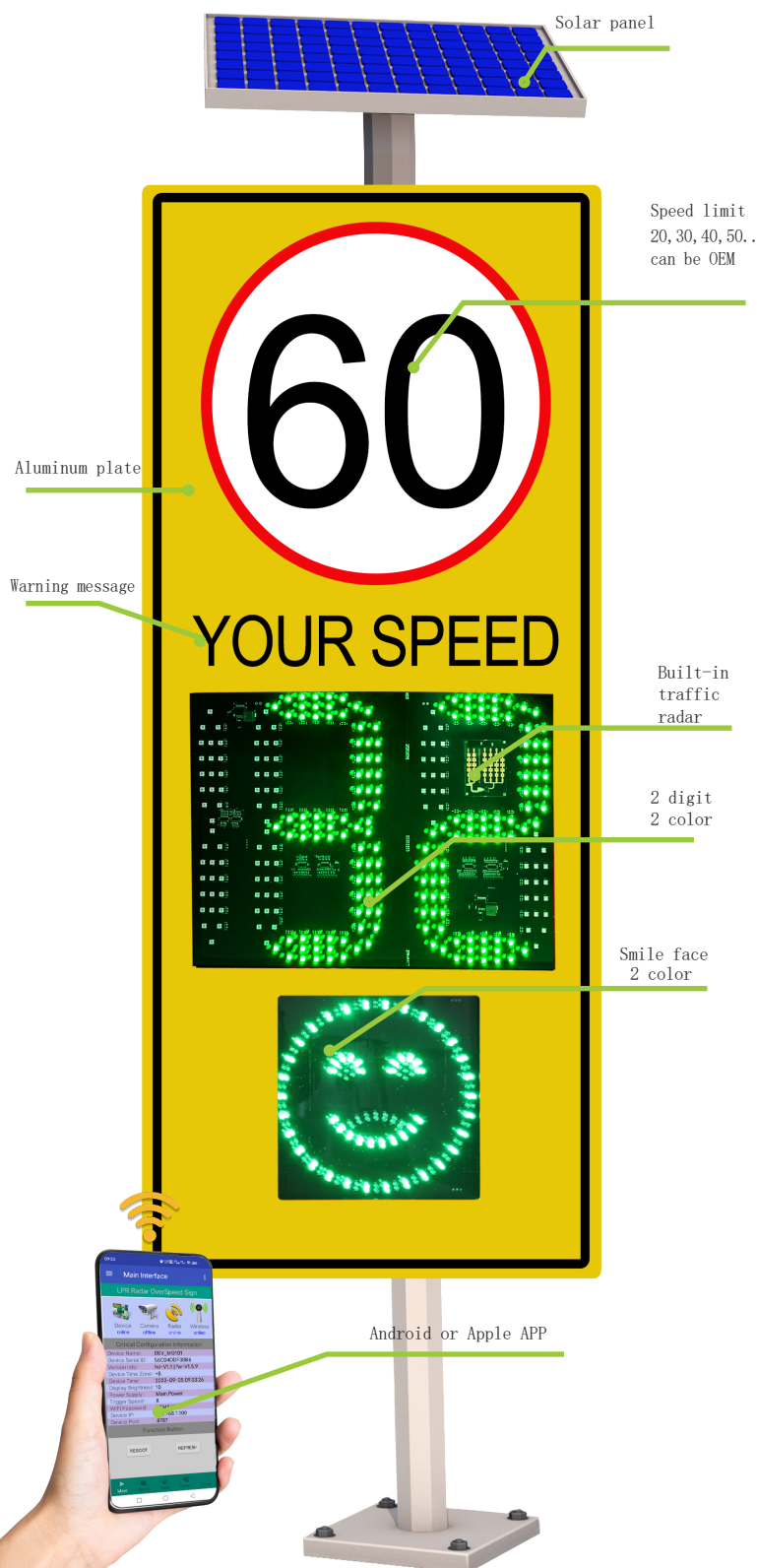
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# 188 and smile face 2 color Radar Speed Sign

## System combination:



## APP setting

|                            |                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------|
| Radar Direction            | two-way detection or two lanes                                                                              |
| Speed unit                 | km/h or Mile /h can be choose                                                                               |
| Communications             | Wifi                                                                                                        |
| Sensitivity                | 0-112 (The smaller the number, the higher the sensitivity)                                                  |
| Brightness                 | 1-10(1 is the darkest, 10 is the brightest, default is 5)                                                   |
| Speeding records           | Speeding records can be extracted and saved in EXCEL and TXT formats (up to 20,000 records can be recorded) |
| Overspeed value            | 1-400 can be set                                                                                            |
| Interference coefficient   | 1-112 (the smaller the value, the worse the anti-interference)                                              |
| Multi-machine coordination | up to 8 units                                                                                               |
| Angle compensation         | 0-90 degrees                                                                                                |

## Product Specification

|                         |                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------|
| Working voltage         | Solar powered DC12V                                                                                    |
| Radar working frequency | 24.125 GHz or 24.200 GHz                                                                               |
| Detection speed range   | 1-250KM/H                                                                                              |
| Detection distance      | Standard 200Meters (100meters , 50meters )                                                             |
| Strobe                  | Dual Strobe and Single Strobe                                                                          |
| Internal                | SS300 Doppler (FCC approved)                                                                           |
| Output Power (EIRP)     | 20dBm                                                                                                  |
| Antenna Angle           | Horizontal: 30° , Pitch: 16° (3dB Beamwidth, Actual Detection Angle Greater Than 4 Lanes)              |
| Speed measurement error | ±1 to ±3 KM/H (when the angle between the direction of motion and the radar beam azimuth is 0 degrees) |
| Radar response time     | ≤50ms                                                                                                  |
| Power consumption       | ≤23W                                                                                                   |

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