

# 188 speed sign + 1 line screen radar speed sign





Our 188 speed sign+1 line screen limit 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.

Our 188 speed sign+1 line screen limit 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.

Our 188 speed sign+1 line screen limit 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.

Our 188 speed sign+1 line screen limit 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 112 levels of sensitivity. 1 is the highest sensitivity and 112 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.

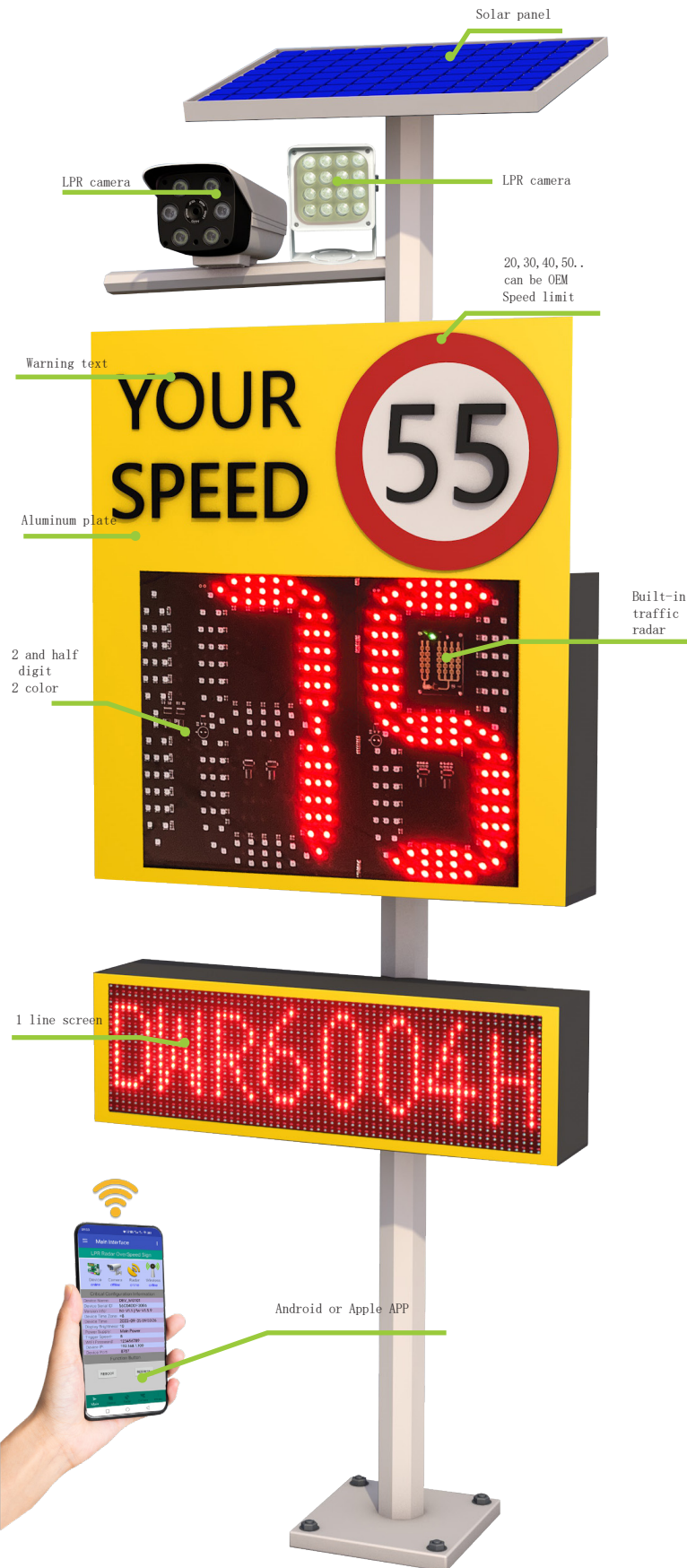
Radar speed limit card supports customization, which are 30, 40, 50, 60... or other customized values.

Our 188 speed sign+1 line screen limit sign supports a variety of power supply methods (solar, AC, current or battery). Solar power supply continuous rainy days for 7-10 working days.

Our 188 speed sign+1 line screen limit sign sealed and waterproof, and can adapt to all kinds of bad weather.

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## System combination:



## Applications

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

## Display parameter

LED Screen	Total 270 (red and green two-in-one)
LED Brightness	red, 120°, 5050, luminous intensity (550 - 750 mcd/LED)
	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	30 km/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
Power consumption	≤18W
Mounting Height	2.5 - 4m
Standard Mounting	60mm galvanised steel column
Operating Temperatures	-30° to +60° C°
Certified	ISO 9001: 2015, CE
Warranty Period	1 year

## Power Options

DC Power Input	12 V
Solar Panel Options	100W
Battery	80ah lithium battery (advise you buy it in your local market)
Continuous rainy days	7-10 days

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## 130KM speed LPR unit



	Working Voltage	100-240VAC/12VDC
	Power Consumption	<5W
	IP Rating	IP65
	Working Temperature	-30° ~+65°
	Overall License Plate Recognition Rate	>97%
	No license plate detection rate	>99%
	Anti-counterfeiting rate	>99%
Recognition Algorithm	Recognition angle	Maximum left and right 65° , up and down 60°
	Vehicle Speed	>97%
	recognition distance	18m~35m
	Vehicle Speed	130km/h
	Lane Management	Single Lane
	License Plate Recognition Types	Can recognize license plates from Taiwan, Brazil, Singapore, Vietnam, Malaysia, Europe, Thailand, Hong Kong, Macau, Chile, Colombia, South Africa, Dubai and other countries
	Recognizable License Plate Features	Number, Color, Type, Width
	License Plate Whitelist	Supports accurate and intelligent fuzzy matching of whitelist license plate rules
	Smart Calibration	Supports precise or wildcard-based intelligent calibration for license plate numbers, license plate types, and colors.
Imaging	Basic Configuration	Embedded Intelligent ISP Algorithm
		Intelligent Optimized Dimming Algorithm, Intelligent Adaptation to Complex Scenes
		Basic parameters (brightness/sharpness/gain/exposure time, etc.) can be individually configured
Video	Video Compression Standard	H. 264/MJPEG;
	Video Resolution	352*288、704*576、1280*720、1920*1080
	Compressed Output Bitrate	384Kbps~4Mbps
	Frame Rate	1-25 frames, defaulting to 25 frames.

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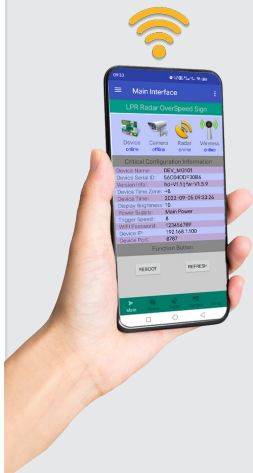
imaging	Sensor	3 Megapixel Starlight CMOS	
	Resolution	2304*1296	
	Low Light	0.1LUX Color	
	Electronic Shutter	0-10ms, defaulting to 5ms	
	Standard Lens	5-50mm Zoom	
	Image Settings	Brightness, Gain, Exposure Time	
Indicator	Noise Reduction	Supports 2D/3D Noise Reduction	
Interface	Network Interface	1 Port 10/100Mbps Adaptive RJ45 Interface	
Button	IO Output	2-channel Output	
	IO Input	4-channel Input (Default Switching, Switchable to Level Signal)	
	RS485	2channels	
	TFCard	1 TF Card Slot, Supports up to 64GB Capacity	
	USB	Reserved 4-pin_1.25 Spacing Socket	
	Reset Button	1 RESET Reset Button	
	System Indicator Light	1 GPIO Status Indicator Light	
	Static Electricity	Contact	6KV, Air 8KV
		Surge	Surge Voltage 2KV
			Interface Surge 6KV
EFT	Power Supply EFT	2KV	
	Data Line EFT	2KV	
Structure	Fill Light	Built-in Infrared LED Fill Light, Adjustable Brightness	
Parameters	Exterior Dimensions	Whole Machine: 443mm146mm105mm	

## Radar Unit

Frequency	24.125GHz
Pickup distance	≥180m(500feet)
Speed detect	1KM/H~250KM/H
Working voltage	9~24V
Current	≤92mA@12V
PC ( EIRP )	20dBm
beam	30° vertical, 16° horizontal
Speed measurement error	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


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## 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

## 1 line Display unit



Application	Outdoor
Panel size	690*210MM
Brightness	6500nits
Working voltage	100-240VAC or 9-18VDC
Viewing angle	140
Color	Red and Green
Pixel	10mm
Power consumption	5V@40A
Display	LPR/message/PM
	Vehicle Speed
	Warning message/PM
Power consumption	≤37W
IP rating	IP54
W. G	7.06KG
Size	75*18*30cm

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## fill light



Light Source Type	High-power white LED imported from original factory
Number of LED Chips	16 pieces
Color Temperature	6000K~6500K(optional 3000-4500K)
Angle	10° (optional 40° )
Coverage Range	Single lane
Optimal Fill Light Distance	16 meters to 25 meters
Trigger Method	Switch quantity trigger
Trigger Signal	Green + Blue -
Response Time	≤20us
Day-Night Function	Optional with light control induction (light off during the day, light on at night)
RS485 Interface	1 channel, supports connection to PC or camera (optional)
Synchronization Interface	Green + Blue - switch quantity signal
Design Lifetime	≥50000 hours
Housing Material	Die-cast aluminum
Power Supply	Low voltage DC12V Red + Black -
Power	Not greater than 36W (actual power depends on control method)
PowerNot greater than 36W (actual power depends on control method)	Operating temperature -20° C to +70° C, operating humidity 10% to 90%
Protection Level	IP66
Dimensions	130mm(W) × 190mm(H) × 130mm(D)
Weight	2Kg
Installation	Regular installation (bracket rotation angle -90° to +90° )

Note: The above indicators were tested at 25° C, 50%RH environment