

188 Radar Speed Limit Sign





Our 188 Radar Speed 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.

The LPRS driver feedback 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 Radar Speed 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 Radar Speed 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.

In addition, the speed feedback sign can also be equipped with a speeding camera, and the vehicle can take a photo of the speeding vehicle when it is speeding, and send it back to the control center.

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

Red and green two-color display screen display

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.

All-day snapshot function, the system has a large capacity, can store 20,000 illegal speeding records, and supports mobile APP to view the snapshot records. The license plate captured by the camera will display the license plate number on the display.

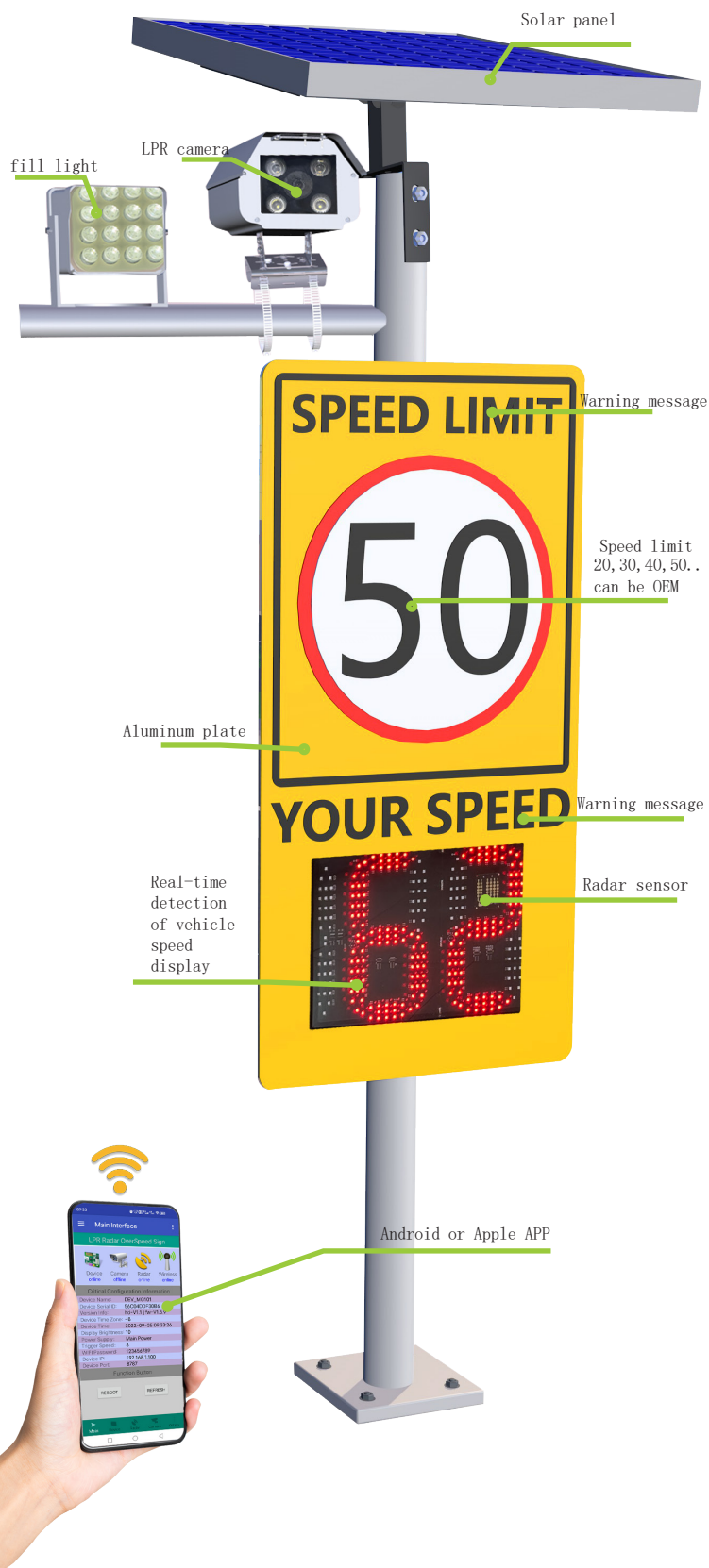
The LPR camera matching has maximum resolution of up to 2 million pixels, outputs real-time images, supports SD card, up to 256G, and is suitable for day and night. The multi-layer optical lens makes the picture quality clear and restores the scene realistically. The reserved 4G port can be connected to the control center later. The LPR camera perfectly recognizes many countries and regions: the recognition rate can reach 99%.

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

supports customized warning characters and languages in different countries, but the characters must be short, for they cannot be displayed if they are too long.

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System combination:



Applications

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

Product parameter

LED Screen	188 LED screen
Front speed limit pane	30 km/40/50/60(optional)
Display Color	Red and green
Raw material	Imported raw materials (including Taiwan-made) high-brightness light-emitting diodes (LEDs)
Light decay	10000h/3 years working time, light decay (mcd) $\leq 20\%$
Material	3M engineering grade
Glue filling process	Using the full glue filling process, all parts of the circuit board visible to the naked eye are full of glue
Solar panel	100watt
Battery	40ah lithium battery
Mounting Height	2.5 - 4m
Standard Mounting	60mm galvanised steel column
Power consumption	$\leq 18W$
Continuous rainy days	7-10 days
Visible distance	Above 300 Meters
PCB material	Epoxy glass cloth laminate (FR4), using Kingboard A2 sheet, thickness $\geq 1.6mm$
Warranty Period	1 year
Waterproof level	IP 54
Certified	ISO 9001: 2015, CE

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.

130KM speed LPR unit



imaging	Sensor	3 Megapixel Starlight CMOS
	Resolution	2304*1296
Indicator	Low Light	0.1LUX Color
	Electronic Shutter	0-10ms, defaulting to 5ms
	Standard Lens	5-50mm Zoom
	Image Settings	Brightness, Gain, Exposure Time
	Noise Reduction	Supports 2D/3D Noise Reduction
	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
		Power Supply EFT 2KV
	EFT	Data Line EFT 2KV
Structure	Fill Light	Built-in Infrared LED Fill Light, Adjustable Brightness
Parameters	Exterior Dimensions	Whole Machine: 443mm146mm105mm

Display unit



Application	Outdoor
188 digits size	465(W) *340(H) MM
Brightness	6500nits
Working voltage	100-240VAC or 9-18VDC
Viewing angle	140
Color	Red and Green
Power consumption	<18W
Display	Vehicle Speed
IP rating	IP54
W.G	25KG
Size	750(W) *1600(H) *59.5 (D) MM

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	±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

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

License Plate Data Acquisition:

1. Data Acquisition via 4G
The device automatically saves data to the cloud through the 4G network.
Users can access and retrieve data remotely via a network connection.

Data Record
The system records and displays the following information:
Camera ID, Picture ID, Date and time (Year-Month-Day Time), License plate number, Vehicle speed (KM/H or MILES/H), Image pixels.

OverSpeed Record Capture browsing Traffic flow analysis

Camera selection

Please select Camera ID:

4CA83037589C

Over Speeding records

Current Camera records: 4CA83037589C

ID	Picture ID	Year	Mo	Da	Time	Plate	Spe
1	177509662926...	2026	4	2	10:23:29	AB123CD	34
2	177509662946...	2026	4	2	10:23:31	AB123CD	34
3	177509662969...	2026	4	2	10:23:35	AB123CD	17
4	177509662990...	2026	4	2	10:23:42	AB123CD	18
5	177509663016...	2026	4	2	10:23:44	AB123CD	30
6	177509665866...	2026	4	2	10:23:58	AB123CD	34
7	177509665890...	2026	4	2	10:24:00	AB123CD	24
8	177509665911...	2026	4	2	10:24:11	AB123CD	33
9	177509665957...	2026	4	2	10:23:23	AB123CD	24
10	177509665981...	2026	4	2	10:23:26	AB123CD	31
11	177509666292	2026	4	2	10:24:21	AB123CD	34
12	177509666448...	2026	4	2	10:24:24	AB123CD	16
13	177509666682...	2026	4	2	10:24:26	AB123CD	21
14	177510171466...	2026	4	2	11:38:24	AB123CD	236
15	177510171489...	2026	4	2	11:33:02	AB123CD	192
16	177510174447...	2026	4	2	11:33:32	AB123CD	19
17	177510174468...	2026	4	2	11:33:51	AB123CD	18
18	177510177449...	2026	4	2	11:37:24	AB123CD	37

Captured image:

2026-04-02 10:23:29 AB123CD Pixels:287 VL:34KM/H

Speeding value:

34

Km/h

Violation license plate:

AB 123CD

Other information:

AB123CD 2026-4-2 10:23:29

Ticket format configuration

Refresh

2026年 4月28日

☒ All records

☐ Select Year

☐ Select Month

☐ Select Day

Export Selected

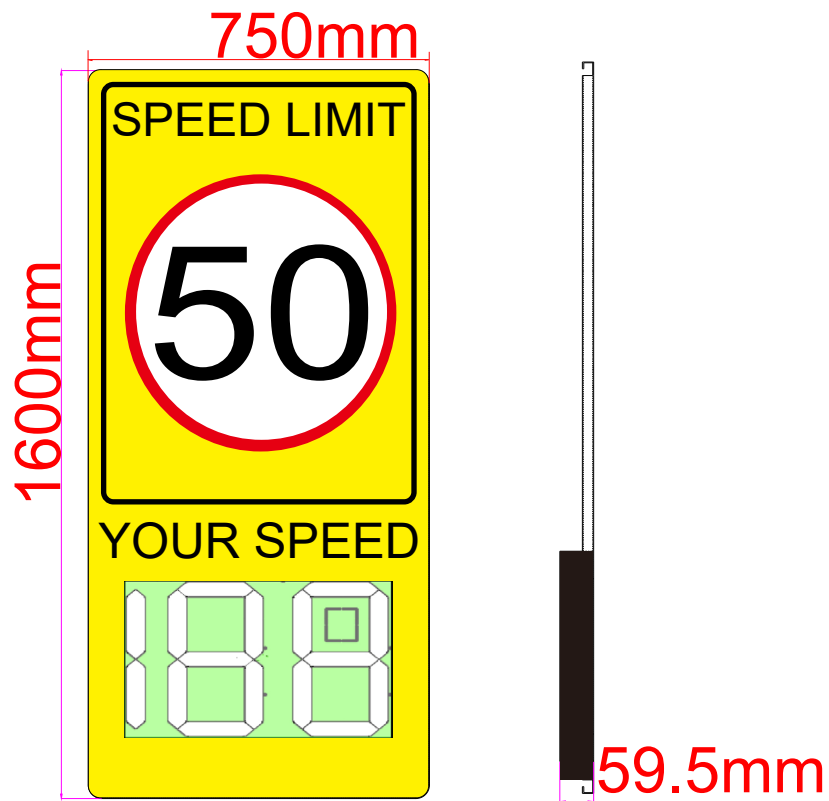
Export All

Browse Export

Query

Supported Operations
Select camera ID to view records
Query records by year, month, day
Browse captured images
Export selected / all records
View full-size captured images locally

Size:



Application:

