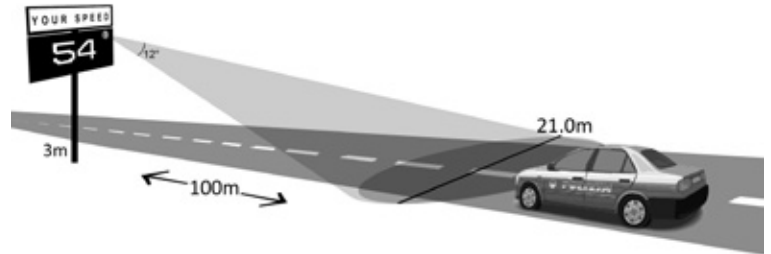


SID

Speed Indication Device



Features

- Ultra bright, low power, 590nm Amber colour LEDs
- Lightweight models allowing minimal time to deploy and ease of installation and relocation
- Meets all NZTA design and specification guidelines
- Rugged and carefully designed to suit all weather
- Vandal and tamper-resistant casing
- Anti-graffiti protection with UV-inhibited high-impact Polycarbonate face
- Displays real time speed of oncoming vehicles
- Configurable low cut-off speed to filter pedestrians and bicycles.
- Automatic dimming control respective to ambient light conditions meaning lower power consumption
- Intelligent battery charging system to charge batteries from solar or street light system.

HMI Technologies' SID Sign uses radar technology to display the speed of approaching cars back to the driver. If they are exceeding the pre-set speed limit, the SID will flash 'SLOW DOWN'. This interactive speed control method has proved highly effective in changing driver behaviour.

SID Logic Table

Display		Radar detection	Log
Slow Down	(Car's Speed)	Speed	
OFF	OFF	<20kph	OFF
OFF	OFF	20kph<speed<L.T	ON
OFF	ON	L.T<speed<U.T	ON
ON	ON	U.T<speed	ON

L.T = Lower Threshold, U.T = Upper Threshold



Trailer Mounted SID



Options

- Data Logging
- GSM modem for wireless communication
- Date, Time & Speed Limit display options
- Mounted on a single pole, existing street lamp or Trailer
- Available in different sizes to meet NZTA requirements for different road speeds
- Intelligent control that sends text messages when the sign is in need of maintenance.

Can't find what you require? Please talk to our engineers.

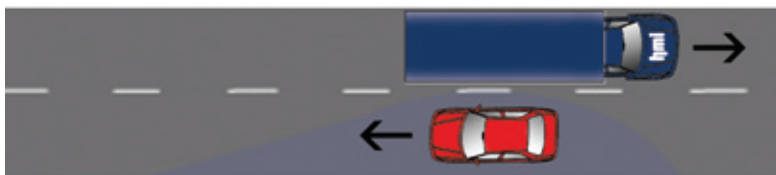
Speed Activated Warning Sign

HMI Technologies' latest Speed Activated design has combined speed detecting radar technology with the immensely successful speed limit signs. As a power saving function, the signs only turn on with approaching traffic, displaying a typical Speed Limit (or any other traffic symbol). If the approaching car is going over the pre-set limit, the 'SLOW DOWN' message lights up to warn the driver.



SAD Logic Table			
Display		Radar detection	Log
Slow Down	Graphic	Speed	
OFF	OFF	<20kph	OFF
OFF	OFF	20kph<speed<LT	ON
OFF	ON	LT<speed<U.T	ON
ON	ON	U.T<speed	ON

LT = Lower Threshold, U.T = Upper Threshold



The sign's Radar is typically set to detect a car coming at 150m



Features

- Built in Radar detects speeding cars and flashes the 'Slow Down' message to the driver
- Optional Solar Power means the sign can be completely self sustaining
- Full aluminium structure for increased lifespan in challenging weather situations
- Can be mounted cantilevered, on posts or overhead gantrys
- Extra wide display angle of 30°

TECHNICAL SPECIFICATIONS

Communication	Wireless Cellular
Power Supply	AC Mains, Solar or Street Light
Graphics	Standard NZ Legends & Symbols
Operating Temperatures	-20° to +65°
Display	Pre-configured LEDs
Optical Conformity	European Standard EN 12966
LED Brightness Control	16 Levels each of 256
Environmental Protection	IP55



HMI customizes signs to meet your particular requirements including design, product conception and on-site installation and testing