

Speed Warning Sign



Introduction

The purpose of this document is to provide information about speed signs.

The device is configured to operate using two primary protocols: FTP and a built-in web server. These protocols facilitate efficient data transmission and accessibility for users, ensuring real-time monitoring and data retrieval capabilities.

Configuration Parameters

Device is configured using 4 parameters:

- Lower speed limit: Speeds lower than this value will not be displayed.
- Speed limit: Speeds lower than this value will be displayed in green and above this value will be displayed in red.
- Upper speed limit: Speeds higher than this value will not be displayed.
- Flash speed limit: If speeds higher than this value detected flashing lights will be activated.
- Display timeout: The display will turn off after the specified number of seconds.



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Speed Warning Sign



Advanced Features

In addition to effectively displaying the speed of vehicles traveling towards the radar display, the system can also measure and record the speed of vehicles traveling in the opposite direction. The device has the capability to classify vehicles according to their size, distinguishing between cars and trucks.

All recorded information is stored in the device's memory and can be exported to a software application. Using this application, various statistics can be obtained over user-specified time intervals, such

- Average Speed: The average speed of vehicles over a period of time.
- Maximum Speed: The highest speed recorded.
- Vehicle Count: The number of vehicles per unit of time.
- Vehicle Distribution by Day: Distribution of vehicles by day of the week.
- Vehicle Distribution by Time: Distribution of vehicles by time of day.
- The system includes a preventive speed detection and display feature that:
- Displays travel speed in different colors.
- Shows additional text depending on the speed.
- Records traffic parameters.

These comprehensive features ensure that the speed sign device not only displays relevant speed information but also provides valuable data for traffic analysis and management.



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Özellikler

VISUAL PERFORMANCE CHARACTERISTICS

LED type	3 in 1 SMT RGB LED
Color	16 gradation/ color – 65.536 color
LED Color (EN12966:2009+A1: 2014)	C2
Luminance (EN12966:2009+A1: 2014)	L3*
Luminance Ratio (EN12966:2009+A1: 2014)	R3
Beam Width (EN12966:2009+A1: 2014)	B6
Uniformity (EN12966:2009+A1: 2014)	CCM

DISPLAY SPECIFICATIONS(CONFIGURABLE)

Dimensions	1250 mm x 900 mm x 150 mm
Visual Area	496 mm x 240 mm
Resolution	32x16 pixel
Pixel Pitch	16 mm (P16)
Sensor	Temperature and Light Sensor
Max. Power Consumption	5 w
Visibility Distance	20-400 m
Weight	25 kg
Classification EU Standard	EN12966-1:2005+A1:2009



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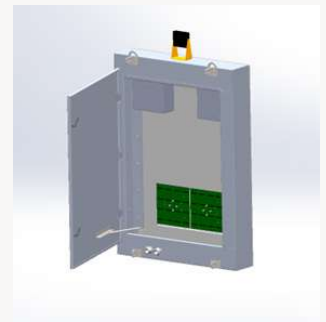
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RADAR SPECIFICATIONS

Operating Frequency	77GHz
Detection range	1.0m/175m
Speed	-400...+200km/h
Beam Angle	-16...+16°
Communication	RS232
Speed output	Selectable between KPH/ MPH

Technical Drawings



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