

DHI-ITACS-024SA-JB

Radar Speed Sign



- Speed measurement range: 5km/h–199km/h
- · Speed measurement distance: 20m-100m (65.62ft-328.08ft)
- · Lane coverage: 4 lanes at most
- Display mode: Two-color LED display. Red numbers for overspeed, and green numbers for normal speed. Up to 3 digits can be displayed, and the largest number can be displayed is 199
- Power consumption: Radar: <5W; LED display: <40W

System Overview

The radar speed sign is a traffic calming device that integrates long-range speed measurement radar and LED display. It monitors the speed of passing vehicles and displays the speed on the LED display to make drivers aware when they are driving at speeds above the posted limits. Radar speed signs are widely used in school zones, entrance and exit of residential areas, construction zones, highways, and other busy roads to slow vehicles down and enhance driving safety.

Functions

Long-distance monitoring

Monitors vehicles away from 20m–100m (65.62ft–328.08ft), and displays the vehicle speed in real-time, making drivers aware of their speeding.

Two-color LED display

Red numbers for overspeed, and green numbers for normal speed. Up to 3 digits can be displayed and the largest number can be displayed is 199.

Multiple lane coverage

Covers up to 4 lanes.

All-weather working

Works normally in harsh environments such as thunderstorm, fog, and more.

Ultra-high precision

Advanced radar technology allows large speed measurement range and small error.

Low power consumption

Radar: <5W; LED display: < 40W. Solar power can also work as the power source.

Radar Speed Measurement System | DHI-ITACS-024SA-JB

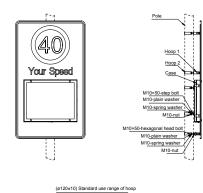
Technical Specification

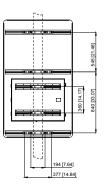
5km/h–199km/h			
20m-100m (65.62ft-328.08ft)			
4 lanes			
–4km/h to 0km/h			
24.15±0.045GHz			
≤ 33ms			
20dBm			
Horizontal: ±8.5° (–3dB); vertical: ±2.8° (–3dB)			
Serial			
Two-color LED display: Red numbers for overspeed and green numbers for normal speed. Up to 3 digits can be displayed, and the largest number can be displayed is 199.			
Button			
2 buttons for setting speed limit value			
1 (reserved for outputting vehicle speed information)			
General			
Entire device: 220V AC/0.2A Radar: 12V DC LED display: 12V DC			
Radar: <5W LED display: <40W			
-40°C to +65°C (-40°F to +149°F)			
10%–90% (no condensation)			
LED display: 734mm×570mm×106.5mm (28.9"×22.4"×4.2") (L×W×H) Speed sign: 1620mm×955mm×15mm (63.8"×37.6"×0.6") (L×W×H)			
25.0kg (55.1lb)			
26.0kg (57.3lb)			
20.0% (37.515)			

Ordering Information

Ordering information			
Туре	Model	Description	
LED display	DHI-ITACS-024SA-JB	LED radar speed display	
Speed sign DH DH DH	DHI-ITACS-024SA-JA10		
	DHI-ITACS-024SA-JA20		
	DHI-ITACS-024SA-JA30		
	DHI-ITACS-024SA-JA40		
	DHI-ITACS-024SA-JA50		
	DHI-ITACS-024SA-JA60	Radar speed sign	
	DHI-ITACS-024SA-JA70		
	DHI-ITACS-024SA-JA80		
	DHI-ITACS-024SA-JA90		
	DHI-ITACS-024SA-JA100		
	DHI-ITACS-024SA-JA110		
	DHI-ITACS-024SA-JA120		

Dimensions (mm[inch])







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