

# DS-TD10M-1

## Multi-Target Speed-measuring Radar

**HIKVISION**



### Introduction

Adopting advanced and accurate speed measuring technology, the radar can measure the speed of multiple vehicles in real time. Integrated with microwave high-accuracy positioning technology, the capture triggered positions are accurate and consistent. The radar can measure distance, track the distances of multiple targets, and provide triggering signals to realize that the vehicles of different speeds, sizes, types, and lanes can be triggered to be captured at fixed point (adjustable). It is applicable to multiple traffic environments such as gantry, tunnel portal, overpass bottom, etc., and it can provide accurate, reliable, and real-time traffic information to guarantee the normal operation of traffic management system.

### Available Model

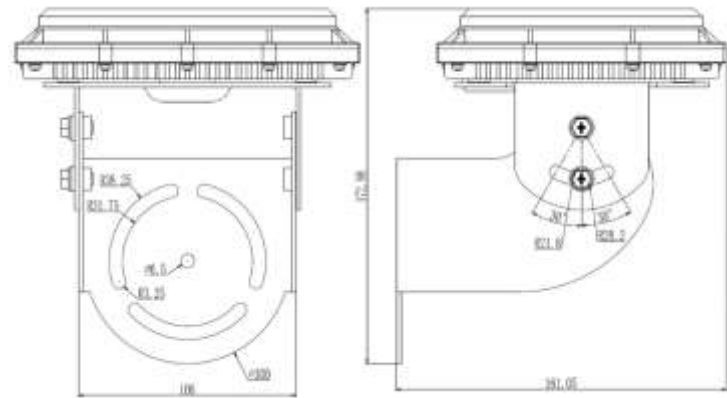
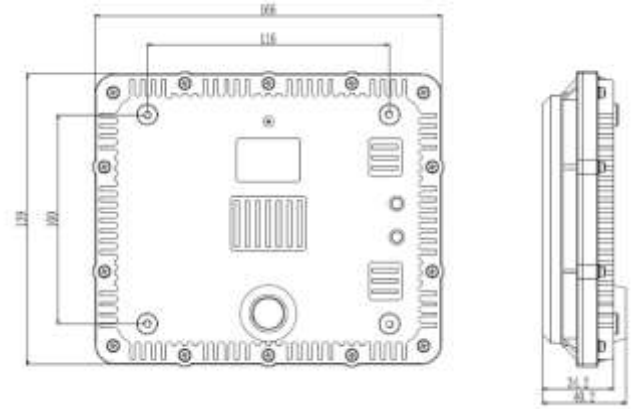
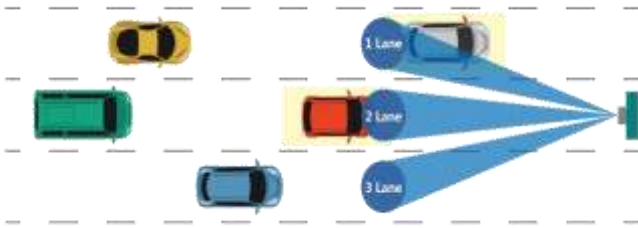
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### Specification

Working Frequency Range	24.05 to 24.25 GHz
Modulation Waveform	FMCW
Beam Width	35° × 16°
Speed Measuring Range	10 to 320 km/h
Speed Measuring Error	-2 to 2 km/h
Capture Distance	18 to 28 m (adjustable)
Trigger Consistency	≤ ±1 m
Trigger Mode	Approaching, leaving, bidirectional
Capture Rate	≥ 95%
Supported Number of Lane	1 to 3
Communication Interface	RS-485, Wi-Fi
Supported Number of Target	32
Working Voltage	9 to 12 VDC
Working Current	< 800 mA
Consumption	< 10 W
Working Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

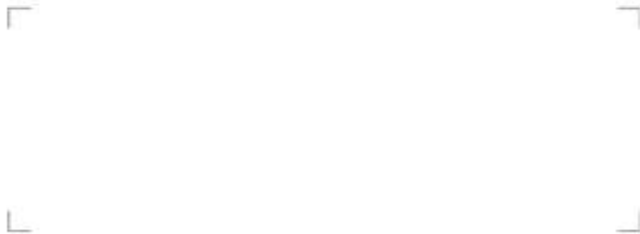
**Dimension**

**Typical Application**



Unit: mm

Distributed by



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