



Radar-Assisted Speed LED Display

Quick Start Guide

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Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Note	Provides additional information to emphasize or supplement important points of the main text.
 Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

Chapter 1 Introduction

1.1 Product Introduction

Radar-Assisted Speed LED Display (hereinafter referred to as "device") makes it convenient for drivers and all round to see the vehicle real-time speed. Drivers can be reminded to keep speed within limits. Moreover, with user-friendly web client, operators can configure it easily.

1.2 Features

- Adopting high-frequency band and millimeter-wave radar, supporting working in all-weather conditions.
- Max. 100 m detection distance, and up to 32 targets can be detected.
- Supports configuring speed threshold.
- Easy installation and debugging. Supports installing on the lane or at the sides of the lane.
- Supports displaying speed information through color-coding. When the vehicle speed is within the limit, the speed value appears in green with a smiling face emoji; When the vehicle speed exceeds the upper speed limit, the speed value is displayed in red with a sad face emoji.
- High flux and low power LED technology.

1.3 Overview

The device appearance is shown below.

**Note**

The device appearance may vary with device model. The actual device shall prevail.

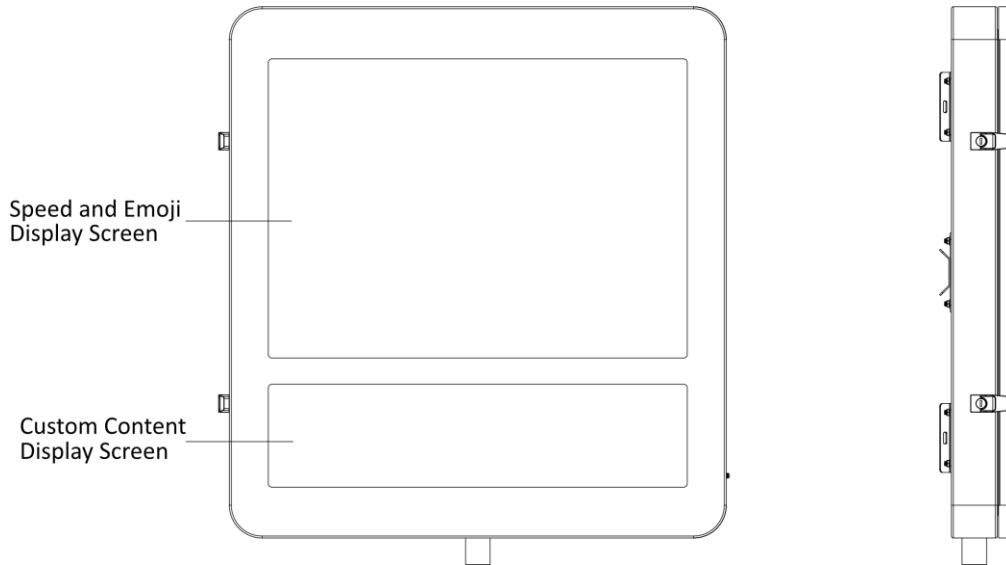


Figure 1-1 Device Appearance

Table 1-1 Appearance Description

Name	Description
Speed and Emoji Display Screen	Display vehicle real-time speed with color-coding: • If not speeding, the vehicle speed is displayed in green with a smiling face emoji. • If speeding, the vehicle speed is displayed in red with a sad face emoji.
Custom Content Display Screen	Display prompt messages for vehicle speeding and not speeding. You can set it from the device's web interface.

Chapter 2 Installation

When you receive the product, check whether there is obvious damage on the product package and its appearance first. Then open the package and check whether all the accessories are included. If something is lost, contact us or our supplier.

2.1 Installation Environment

- The recommended installation height is 3 to 6 m.
- The diameter of the horizontal or vertical pole should be in the range of 150 to 450 mm.
- Make sure the installation position is strong enough to withstand at least 8 times the weight of the device with its accessories.
- Lay the power cord and other cables that need to be connected.



Caution

Check the power supply voltage to prevent any device damage caused by inconsistent voltage levels.

2.2 Install Device

You may choose to install the device on a horizontal pole above the lane or on a vertical pole at the sides of the lane.

Before You Start

Prepare a horizontal pole or vertical pole according to the actual situation.

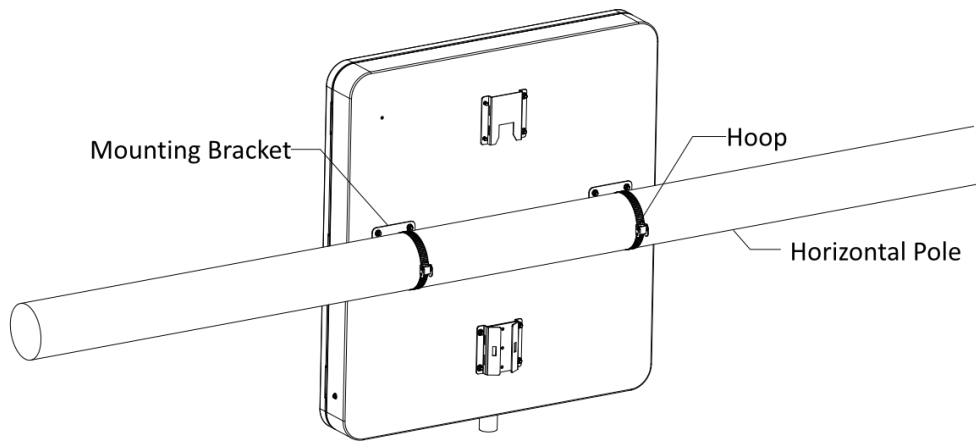


Caution

Be sure to fix the device firmly in the installation position, and make safety precautions if necessary. Check regularly. Device falling may cause serious personal injury or death.

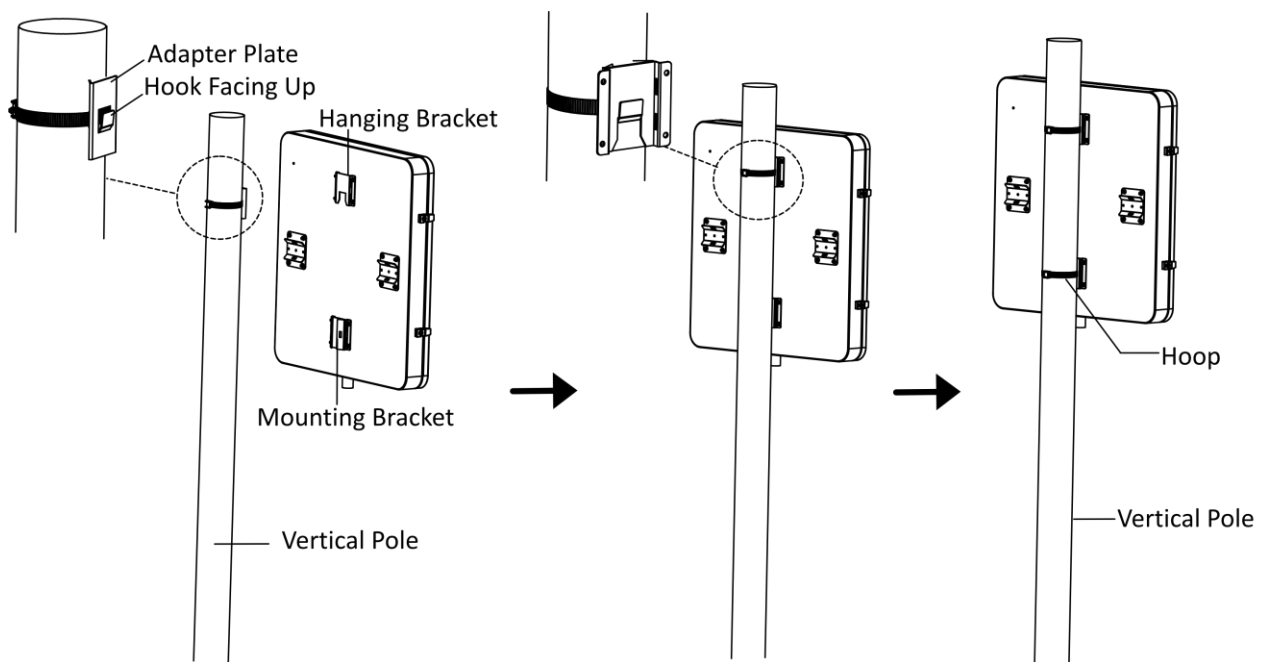
2.2.1 Horizontal Pole Mounting

Lead the hoops through the mounting brackets, wrap them around the pole, and secure them with screws.



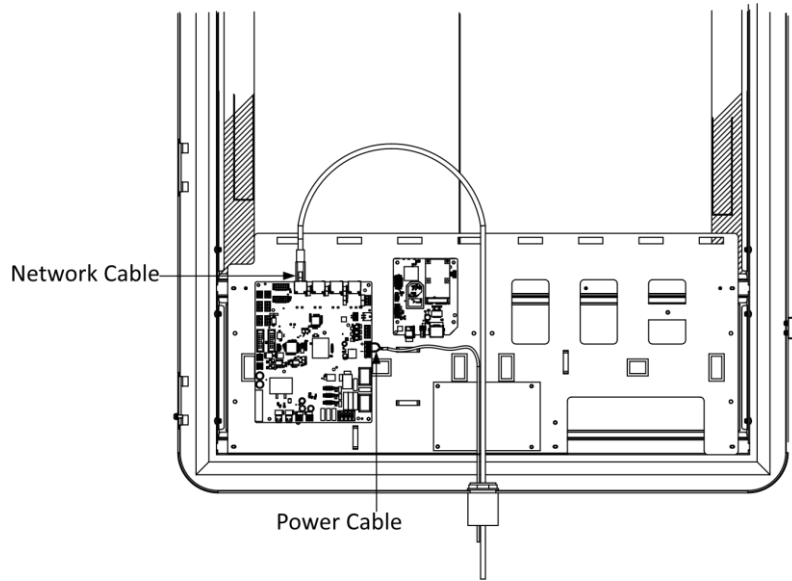
2.2.2 Vertical Pole Mounting

Fix the adapter plate to the pole with the hoop, hook the device onto the plate, and fasten the mounting bracket with another hoop.



2.3 Wiring

Open the device front cover, and connect the network cable and power cable to the corresponding interfaces as shown in the figure below.



2.4 Start Up

Check that the device is properly installed, and then connect the power supply to start it up. After startup, the device automatically enters the self-test process. The speed and emoji display screen will sequentially show a green "188", a red "188", a green smiling face, and a red sad face, followed by the custom content display screen showing green "THANK YOU" and red "SLOW DOWN". Once the self-test is complete, the device enters normal display mode.

Note

If the device cannot start up normally, check if the cable connection is normal.

Chapter 3 Detailed Configuration

Scan the QR code below to get the user manual for detailed configuration.



Figure 3-1 User Manual QR Code

