

**YJP7681-188-R(L)****Radar Speed Sign LED Display**

Radar Speed Sign LED Display makes it convenient for drivers and all round to see the real-time speed. Drivers can be reminded to keep speed within limits. Moreover, with user-friendly web client, operators can configure it easily.

- Adopts high-frequency band and millimeter-wave radar, supporting to work in all-weather conditions.
- Max. 100 m detection distance and up to 32 targets can be detected.
- Supports to set the speed threshold.
- Supports to install on the lane or at the sides of the lane. Easy installation and debugging.
- Supports displaying speed information through color-coding: when the vehicle's speed is within the allowed limit, the speed value appears in green with a smiley face icon. Conversely, when the vehicle's speed exceeds the upper speed limit, the speed value is displayed in red with a sad face icon.
- High flux and low power LED technology.

## ▪ Specification

Radar	
Working Frequency	60 to 62 GHz
Detection Distance	Up to 100 m
Speed Measuring Range	10 to 250 km/h
Horizontal Detection Angle	± 60°
Vertical Detection Angle	± 8°
Max. Detectable Targets	Up to 32
Antenna Beam Width	120° × 16°
Coverage Lanes	Up to 3 lanes
Modulation Waveform	FMCW
Capture Rate	≥ 95%
Sweep Bandwidth	240 MHz
Network	
Protocols	TCP/IP, HTTP, DHCP
Simultaneous Live View	Up to 6 channels
API	ISAPI, ISUP, OTAP
User/Host	Up to 3 users, 3 user levels: administrator, operator, and user
Security	Password protection, HTTPS encryption, IP address filter, Control timeout settings
Web Browser	Chrome V61+, IE9 to IE11, Firefox V41+, Edge
Wireless (Wi-Fi)	
Encryption Mode	WPA-PSK/WPA2-PSK
Wi-Fi Protocol	IEEE802.11b, IEEE802.11g, IEEE802.11n
Frequency Range	2.4 GHz to 2.484 GHz
Channel Bandwidth	20/40 MHz
Modulation	802.11b: DSSS/CCK, 802.11g: BPSK/QPSK/16-QAM/64-QAM, 802.11n: BPSK/QPSK/16-QAM/64-QAM
Wireless Range	Up to 50 m (The performance varies based on actual environment.)
Wireless (Mobile Communication)	
Frequency	-RL model: LTE FDD: Band 1/3/5/7/8/20/28 LTE TDD: Band 38/40/41 WCDMA/HSPA+: Band 1/5/8 GSM/GPRS/EDGE: 900/1800 MHz
Standard	LTE-TDD, LTE-FDD, GPRS, GSM, CDMA
SIM Card Type	Nano SIM
Interface	
Ethernet Interface	1 RJ-45 10 M/100 M self-adaptive Ethernet port(s)
On-Board Storage	Built-in eMMC 2G
Alarm	1 output
RS-485	1 RS-485
Warning Screen	
Monotube Current	Monotube Current
Central Light Strength	≥ 3000 cd/m²
LED Visual Angle	≥ 100°

LED Service Life	≥ 100,000 hours
<b>Road Traffic and Vehicle Detection</b>	
Smart Function	-RL model: Traffic flow
<b>General</b>	
Power	DC 12 V ± 5%, 5 A, max. 60 W, 2-core terminal block
Material	SECC
Dimension	759 mm × 96 mm × 810 mm (29.88" × 3.78" × 31.89") (L × W × H)
Package Dimension	930 mm × 250 mm × 988 mm (36.6" × 9.84" × 38.9") (L × W × H)
Weight	Approx. 15 kg (33 lb.)
With Package Weight	Approx. 18 kg (39.7 lb.)
Operating Condition	-30 °C to 70 °C (-22 °F to 158 °F). Humidity 95% or less (non-condensing)
Storage Condition	-30 °C to 70 °C (-22 °F to 158 °F). Humidity 95% or less (non-condensing)
General Function	Remote config via Wi-Fi, Custom LED display, Password protection
<b>Approval</b>	
RF	CE-RED: EN 301489-1 V2.2.3, EN 301489-3 V2.1.1, EN 301489-17 V3.2.4, EN 301489-52 V1.2.1, EN 302264-1 V1.1.1, EN 302 264-2 V1.1.1, EN IEC 62311:2020
EMC	CE-EMC: EN 55032: 2015/A11:2020+A1:2020, EN IEC61000-3-2: 2019/A1:2021, EN 61000-3-3: 2013+A1:2019/A2:2021, EN 50130-4: 2011 +A1: 2014
Safety	CB: IEC 62368-1: 2014, CB: IEC 62368-1: 2018, CE-LVD: EN 62368-1: 2014+A11: 2017
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection	IP65: IEC 60529-2013

## ▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

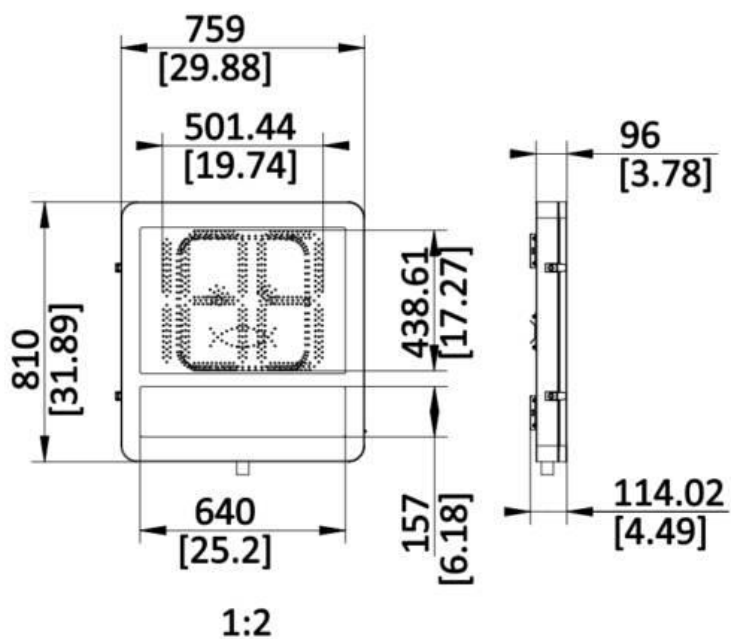
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

## ▪ Available Model

YJP7681-188-RL/GLE

YJP7681-188-R

## Dimension



L × W × H: 759 mm × 810 mm × 96 mm (29.88 × 31.89 × 3.78)

Camera Mounting Hole[mm]	Camera Mounting Hole[inch]	Unit: mm [inch]	
		SCALE	1:1

# See Far, Go Further



[www.hikvision.com](http://www.hikvision.com)  
[support@hikvision.com](mailto:support@hikvision.com)

