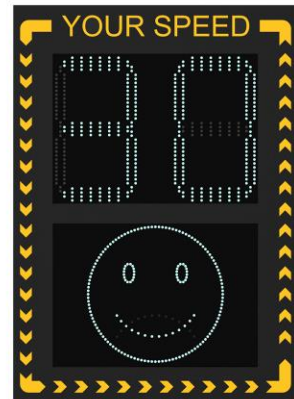## YJP5474-28-2-R
Radar-Assisted Speed LED Display

Radar-Assisted Speed 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 software tools, operators can configure it easily.

- Adopts high-frequency band and millimeter-wave radar, supporting to work in all-weather conditions.
- High spatial resolution and strong penetrability, free from the influences of illumination, visibility, severe weather, etc.
- Max. 100 m detection distance and up to 64 targets can be detected.
- Supports to install on the lane or at the sides of the lane. Easy installation and debugging.
- Supports to set the speed threshold.
- Supports to select the speed unit as mile or kilometer via dialing.
- Supports to select the vehicle speed display duration among 1 to 8 s via dialing.
- Supports distinguishing speed information by different colors: When the vehicle speed is within the speed limit, the speed value is displayed in green with a smiley face icon. When the vehicle speed overceeds the upper speed limit, the speed value is displayed in red with a sad face icon.
- High brightness and low power LED technology.
- The radar supports free software configuration. You can view the vehicles and debug via the software.
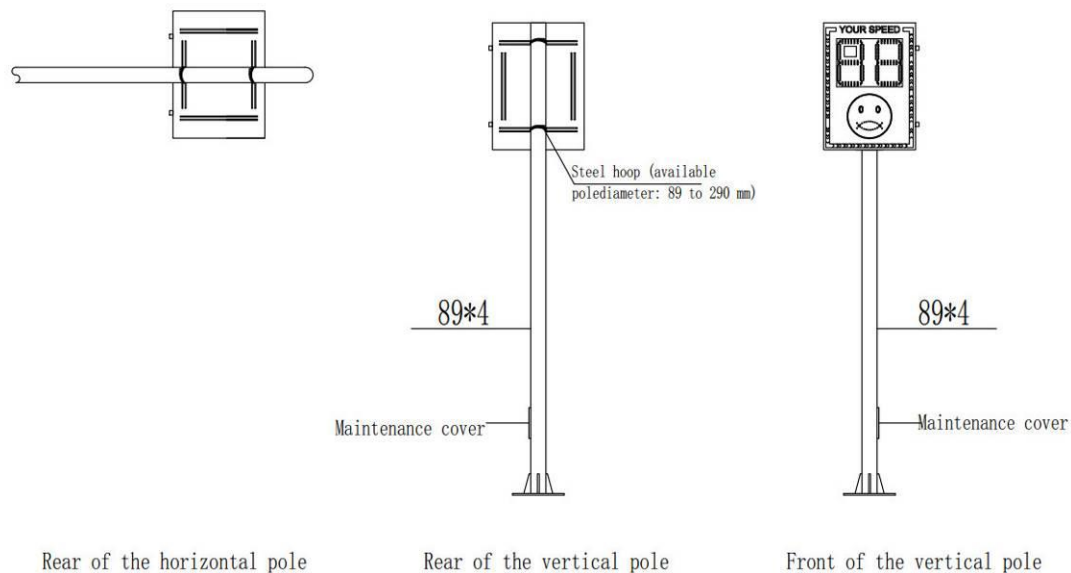
▪ Specification

Radar	
Detection Distance	20 to 100 m
Speed Range	2 to 99 km/h
Horizontal Detection Angle	± 22°
Vertical Detection Angle	± 10°
Detection Accuracy	± 2 km/h
Network	
Protocols	Supports private protocols.
Interface	
Ethernet Interface	1 RJ45 100 M self-adaptive Ethernet port(s)
General	
Power	12 VDC, max. current 4.2 A. Average 13 W, max. 15 W.
Material	Galvanized steel plate with electrostatic spraying and reflective film.
Dimension	740 mm × 535 mm × 111 mm (29.08" × 21.03" × 4.36")
Weight	With package: 18 ± 0.5 kg (39.7 ± 1.1) lb. Without package: 15.6 ± 0.5 kg (34.4 ± 1.1) lb.
Operating Condition	-30 °C to 70 °C (-22 °F to 158 °F). Humidity: 5% to 95% (non-condensing)
Approval	
Protection	IP65
Warning Screen	
LED Light Bead	Smiley face icon: 90 × red beads Sad face icon: 80 × red beads Speed: 196 × red beads and 196 × green beads
Monotube Current	≤ 20 mA
LED Wave Length	Red: 4500 to 7200 mcd/625 ± 5 nm Green: 6000 to 10800 mcd/506 ± 3 nm
Central Light Strength	150 to 400 cd
LED Visual Angle	≥ 30°
LED Service Life	≥ 100,000 hours

▪ Typical Application

▪ Installation

Steel hoop (available
polediameter: 89 to 290 mm)

89*4

89*4

Maintenance cover

Maintenance cover

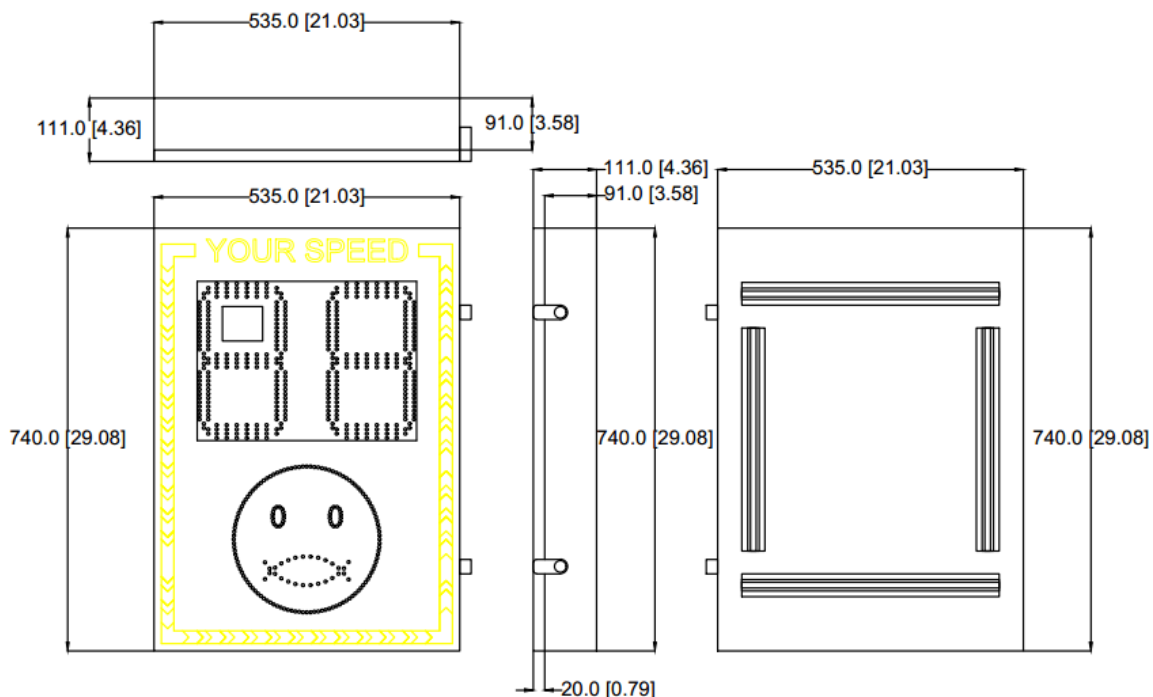Rear of the horizontal pole   Rear of the vertical pole   Front of the vertical pole

▪ Available Model

YJP5474-28-2-R

▪ Dimension

Unit: mm (inch)

L × W × H: 740 mm × 535 mm × 111 mm
(29.08" × 21.03" × 4.36")

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