

## 【Datasheet】

# Positioning and Capture Radar (Single-Lane) 20231228 (Public)

MPR-MU1-OS



## Features

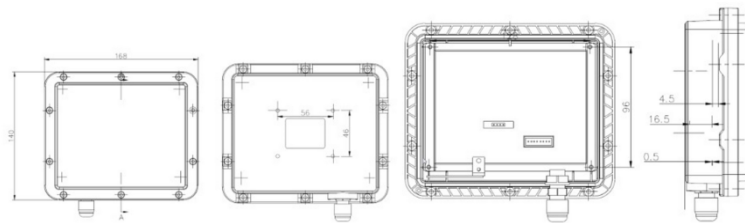
- Capture rate of over 99%.
- Supports bidirectional trigger and wrong-way driving capture.
- Supports wireless commissioning and fine-tuning through Wi-Fi network
- Precise positioning within  $\pm 0.5\text{m}$  and speed measurement deviation within  $0.2\text{km/h}$ .
- Supports front mount and side mount.

## Specifications

| Object detection      | Description                                   |
|-----------------------|---|
| Detection direction   | Incoming                                      |
| Speed accuracy        | 3km/h   |
| Distance accuracy     | $\pm 0.5\text{m}$                             |
| Hardware              | Description                                   |
| Operating temperature | 0% to 95% RH                                  |
| Total weight          | $\leq 0.45\text{kg}$                          |
| Power supply          | DC 12V  |
| Operating humidity    | $-35^{\circ}\text{C}$ to $85^{\circ}\text{C}$ |

|                         |   |
|-------------------------|---|
| Ingress protection      | IP66  |
| Communication interface | 1 x RS485   |
| Operating frequency     | 24.15GHz  |
| Specifications          | Description   |
| Dimensions              | 168mm*140mm*50mm  |
| Mount method            | Description   |
| Front mount             | 5 to 10m, it is recommended to install at the road center with the height of 6 meters |
| Application Scenario    | Description   |
| Application Scenario    | Road section  |

## Dimensions



## Ordering Info

| Product Model | Description                                 |
|---------------|---|
| MPR-MU1-OS    | Positioning and Capture Radar (Single-Lane) |

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