

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

MPR-MU1-OS



## Features

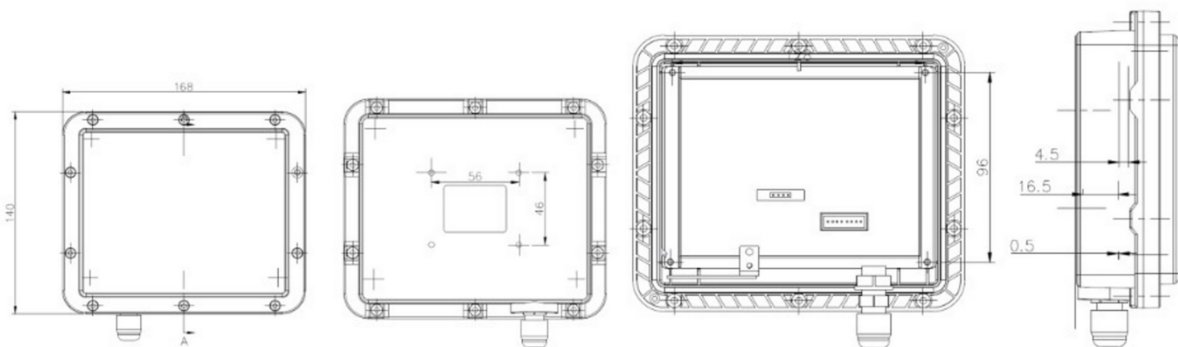
- Capture rate of over 99%.
- Supports bidirectional trigger and wrong-way driving capture.
- Supports wireless commissioning and fine-tuning through Wi-Fi network
- Precise positioning within 0.5m and speed measurement deviation within 0.2km/h.
- Supports front mount and side mount.

## Specifications

|                       |              |
|-----------------------|--------------|
| Model                 | MPR-MU1-OS   |
| Object detection      |              |
| Detection direction   | Incoming     |
| Speed accuracy        | 3km/h        |
| Distance accuracy     | ± 0.5m       |
| Hardware              |              |
| Operating temperature | 0% to 95% RH |
| Total weight          | ≤ 0.45kg     |

|                                  |   |
|----------------------------------|---|
| Operating humidity               | -35°C to 85°C   |
| Ingress protection               | IP66  |
| Operating frequency              | 24.15GHz  |
| <b>Interface Characteristics</b> |   |
| Power supply                     | DC 12 V   |
| Communication interface          | 1 x RS485   |
| <b>Specifications</b>            |   |
| Dimensions                       | 168mm*140mm*50mm  |
| <b>Mount method</b>              |   |
| Front mount                      | 5 to 10m, it is recommended to install at the road center with the height of 6 meters |
| <b>Application Scenario</b>      |   |
| Application Scenario             | Road section  |

## Dimensions



## Ordering Info

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

### Zhejiang Uniview Technologies Co., Ltd.

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China (Zhejiang) Pilot Free Trade Zone, China

Email: [overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)

<http://www.uniview.com>

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