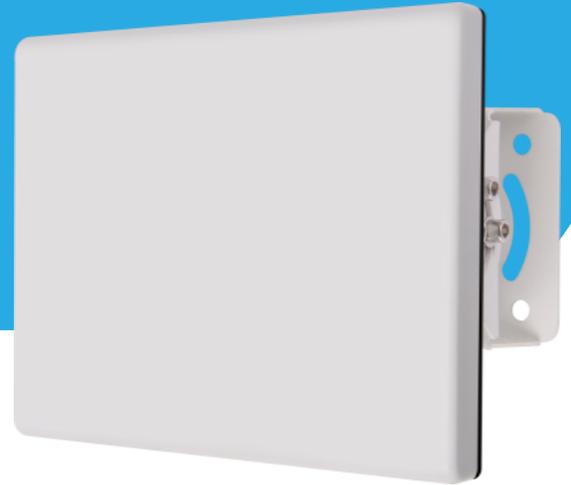
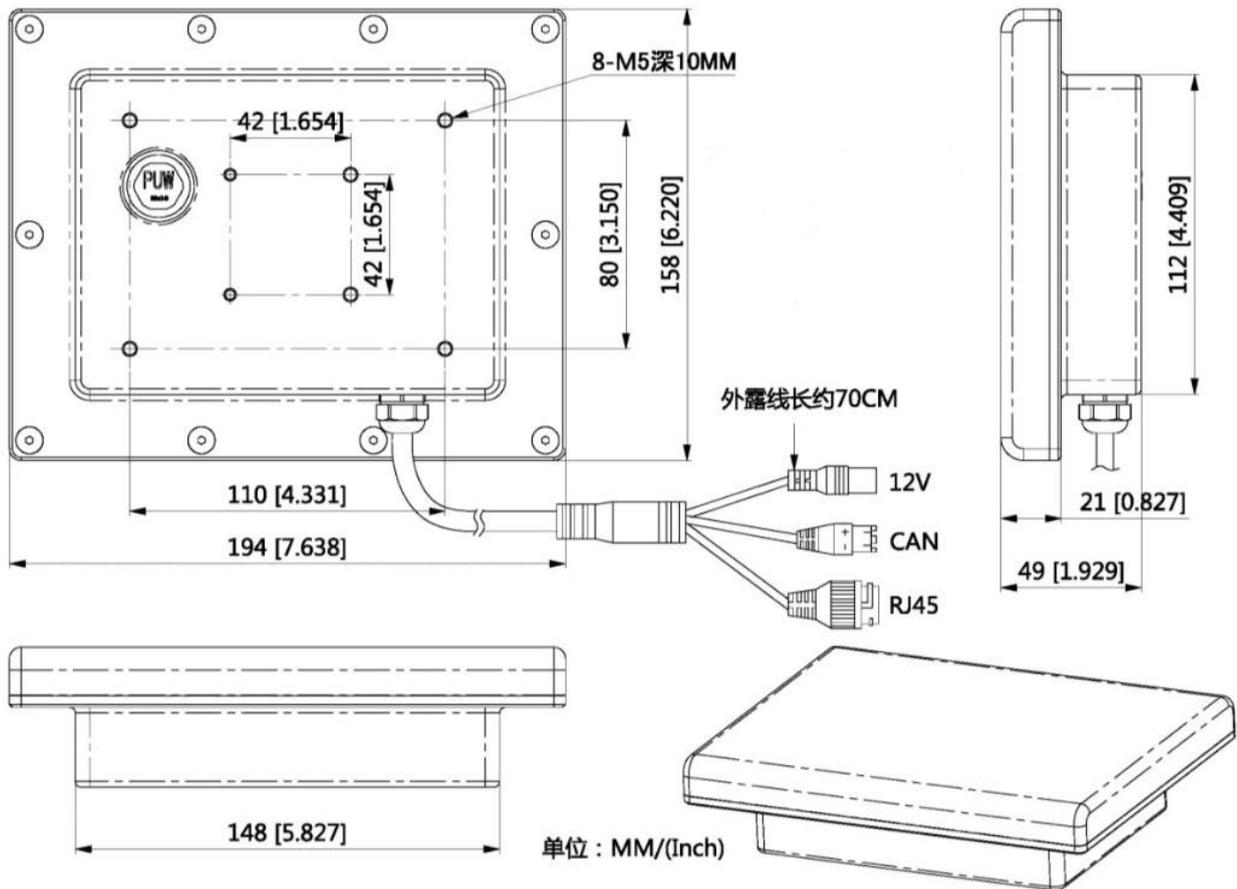


MS-7SMWR02A

Wide Area Detection Radar



Dimensions (mm)



Specification

| Radar Characteristics | |
|------------------------------|---|
| Radar Sensor | FMCW Radar |
| Radar Output Data | Distance, direction, angle |
| Transmit Frequency | 24 GHz K-Band |
| Refresh Rate | 8 Hz |
| EIRP | 22 dBm |
| Power Consumption | 9 W |
| Detection Performance | |
| Target Identification | People, Vehicles |
| Recognition Pattern | Radar triggers an alarm, linkage video review |
| Detection Range (Pedestrian) | 1 ~ 150 m |
| Detection Range (vehicle) | 1 ~ 180 m |
| Detection Accuracy | ±0.5 m |
| Detection Resolution | 1 m |
| Speed Range | 0.5 m/s ~ 30 m/s |
| Speed Accuracy | 0.03 m/s |
| Speed Resolution | 0.06 m/s |
| Angle Accuracy | ±1° |
| FOV | Azimuth: 90°; Elevation: 13° |
| Hardware Characteristics | |
| Communication Protocol | UDP, TCP |
| Network Interface | 1 RJ45 10M/100M (PoE) |
| Alarm Interface | 2ch output, 1ch input |
| RS485 | Support |
| Relay | 2ch output |
| Physical Characteristics | |
| Power Supply | 12 VDC / PoE (IEEE802.3af) |
| Working Temperature | -40 ~ 75°C |
| Storage Temperature | -40 ~ 85°C |
| Weight | 1.0 kg |
| Dimension | 194 × 158 × 49 mm |
| Protection Class | IP66 |