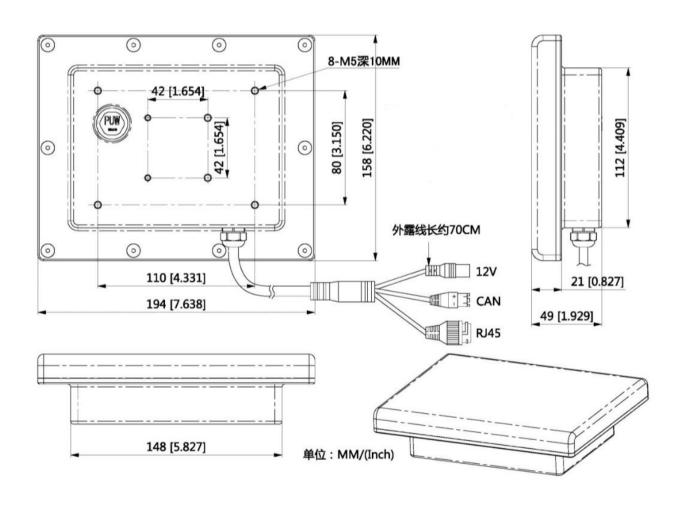


SN-SMWR02A

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