MoviSight®

MS-7SMWR21A-P

Perimeter Security Radar

Dimensions (mm)

235 [9.252]
200 [7.874]
110 [4.331]
50 [1.969]

8-M5深9mm

175 [6.890]
80 [3.150]
50 [1.969]

尺寸：235*175*47.5(mm)
重量：1615g

140 [5.512]
18 [0.709]
47.5 [1.870]

12V
RJ45

外置线长约70cm
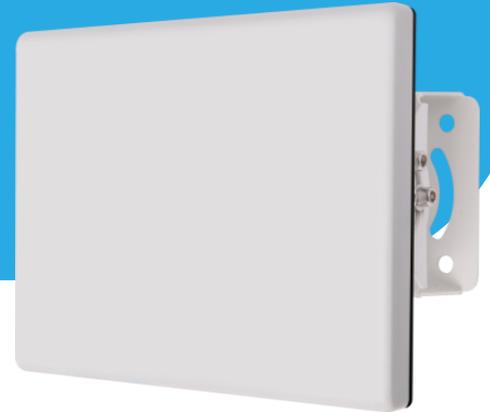
单位：mm
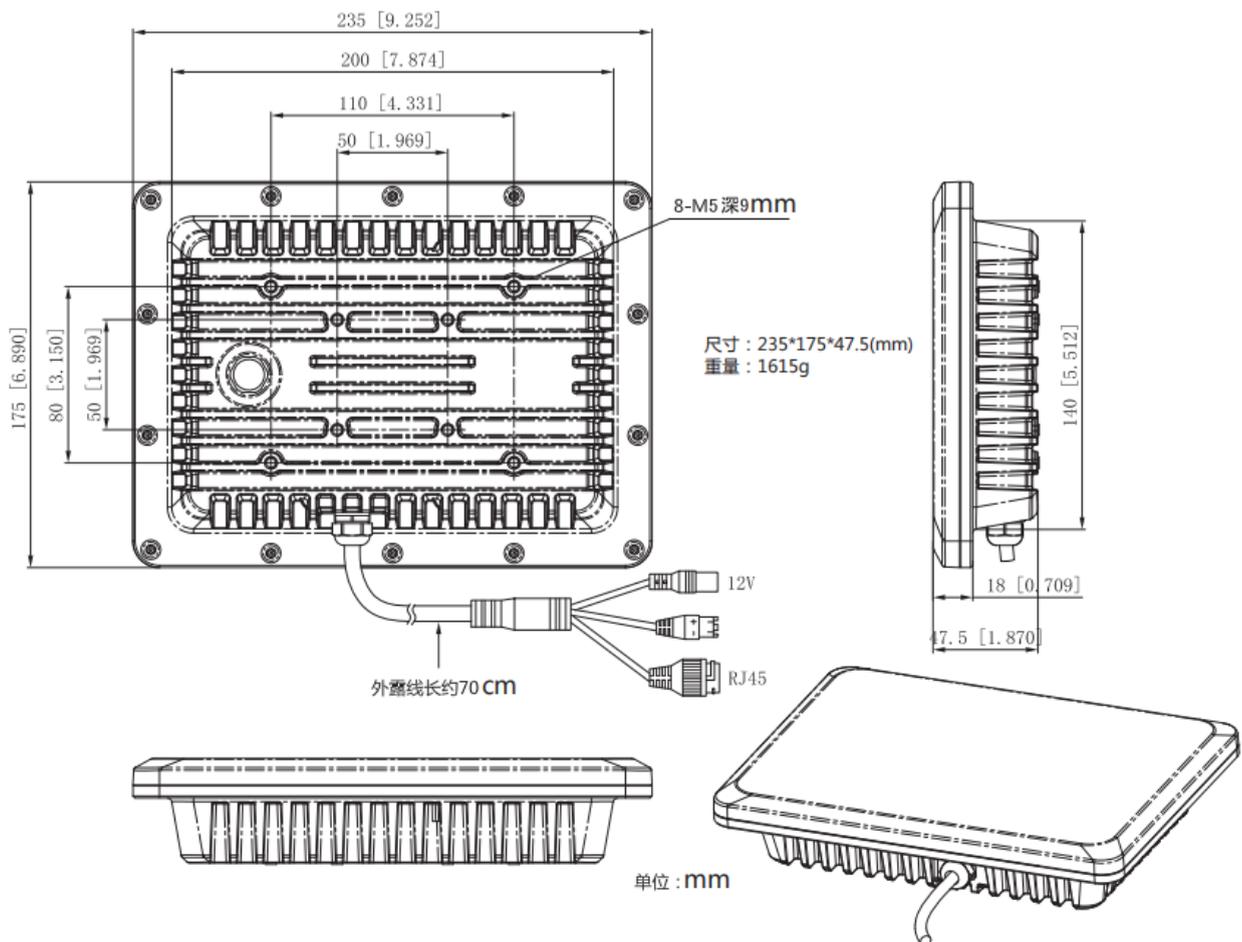
Specification

Radar Characteristics	
Radar Sensor	FMCW Radar
Radar Output Data	Distance, direction, angle
Transmit Frequency	24.05 ~ 24.15 GHz
Refresh Rate	8 Hz
EIRP	29 dBm
Power Consumption	8 W
Detection Performance	
Target Identification	People, Vehicles
Recognition Pattern	Radar triggers an alarm, linkage video review
Detection Range (Pedestrian)	1 ~ 300 m, 1 ~ 200 m (walking/running across), 1 ~ 150 m (climbing/squatting across)
Detection Range (vehicle)	1 ~ 300 m
Detection Accuracy	±0.75 m
Detection Resolution	1.5 m
Speed Range	0.03 m/s ~ 30 m/s
Speed Accuracy	0.03 m/s
Speed Resolution	0.06 m/s
Angle Accuracy	±1°
FOV	Azimuth: 20°, 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	235 × 175 × 53.7 mm
Protection Class	IP66