

MS-7RC2100

Ground To Air Radar 2.1Km Range

Features

- Operating Frequency Band: C Band
- Drone 1.5km
- Operating Mode Phased Array Mode (Azimuth Mechanical Scan + Elevation Phase Scan) / Pulse Doppler
- Range 2.1km
- Effective Detection Power 100m~1.5km (Drone)
- Data Rate ≥ 0.2 Hz
- Data Interface RJ45 / 1 Port 100Mbps Ethernet
- Power Input ≤ 100 W (Power Consumption) AC 200V~240V (Input)
- Operating Temperature - $40^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- Weight ≤ 15 kg



Specifications

Operating Frequency Band	C Band
Pedestrian	--
Vehicle	--
Vessel	--
Drone	1.5km
Operating Mode	Phased Array Mode (Azimuth Mechanical Scan + Elevation Phase Scan) / Pulse Doppler
Range	2.1km
Effective Detection Power	100m~1.5km (Drone)
Azimuth Coverage	360°
Elevation Coverage	≥30°
Detection Speed	0.5m/s~30m/s
Azimuth Accuracy	≤1.0°
Elevation Accuracy	≤1.0°
Range Accuracy	≤10m
Data Rate	≥0.2Hz
Data Interface	RJ45 / 1 Port 100Mbps Ethernet
Power Input	≤100W (Power Consumption) AC 200V~240V (Input)
Operating Temperature	-40°C~+55°C
Weight	≤15kg

Measurements (Unit:mm):

