



MS-7RS10000

Ground To Air Radar 10.2Km Range

Features

- Operating Frequency Band S Band
- Drone 10.0km
- Operating Mode Phased Array Mode (Azimuth Mechanical Scan + Elevation Electronic Scan) / Pulse Doppler
- Range 10.2km
- Effective Detection Capability 100m~10.0km (Drone)
- Range Accuracy $\leq 10\text{m}$
- Data Rate $\geq 0.2\text{Hz}$
- Data Interface RJ45 / 1 Port 100Mbps Ethernet
- Power Input $\leq 250\text{W}$ (Power Consumption) AC 200V~240V (Input)
- Operating Temperature - $40^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- Weight $\leq 60\text{kg}$



Specifications

Operating Frequency Band	S Band
Pedestrian	--
Vehicle	--
Vessel	--
Drone	10.0km
Operating Mode	Phased Array Mode (Azimuth Mechanical Scan + Elevation Electronic Scan) / Pulse Doppler
Range	10.2km
Effective Detection Power	100m~10.0km (Drone)
Azimuth Coverage	360°
Elevation Coverage	≥40°
Detection Speed	1.0m/s~85m/s
Azimuth Accuracy	≤0.8°
Elevation Accuracy	≤1.0°
Distance Accuracy	≤10m
Data Rate	≥0.2Hz
Data Interface	RJ45 / 1 Port 100Mbps Ethernet
Power Input	≤250W (Power Consumption) AC 200V~240V (Input)
Operating Temperature	-40°C~+55°C
Weight	≤60kg

Measurements (Unit:mm):

