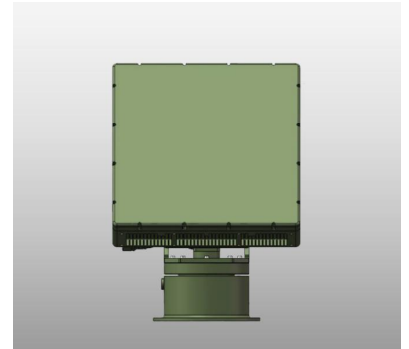


ADS2202A (Ku-band) Radar Detection Device

Effective distance: 5km

Overview

The radar products are short-range low-altitude surveillance radars, which can accurately scanning small flying object and displaying the distance, azimuth, pitch, speed and altitude of the target. Multidimensional information such as intensity forms a three-dimensional motion situation of low-altitude targets.



Key Features

- **The capability to get information:** track multiple targets simultaneously and detect the speed, trajectory and spatial position of the target in real time.
- **The capability of strong anti-clutter:** integrating multiple strong anti-clutter algorithms.
- **Wider airspace coverage:** active phase array antenna is used to realize the coverage of the whole airspace.
- **Environment adaptability:** small size, light weight, reserved for a variety of interfaces, wireless interconnection capability based on 4G, high stability and reliability.
- **Low cost 2D-electronically scanning antenna:** Separation of air-ground target.
- **Rapid response:** set up and withdrawal time <2 minutes.

Configurations

- Radar host (including battery) ×1
- Battery module charger ×1
- Trolley case ×1
- Operation terminal ×1
- Tripod ×1

ADS2202A (Ku-band) Radar Detection Device

Effective distance: 5km

Index Parameter

System	Active phased array
Effective distance	5km
Target size RCS	0.01
Distance accuracy	10m
Speed range	3 - 80m/s
Speed measuring precision	2m/s
Distance resolution	5m
Azimuth resolution	6°
Azimuth accuracy	1.5°
Resolution of pitching angle	3°
Accuracy of pitching angle	0.5°
Data rate	≤7s
Blind region	200m
Frequency control ability	Yes
Parameter adjustment ability	Yes
Networking ability	Yes
Radar System	Phase-scanned
Range of pitching angle	20°
Distance blind area compensation	No
Output interface	UDP/RS232

Note: Information will conduct the necessary updates , the contents of this document are subject to change without notice