
R03-K UAV Detection Radar

Detect LSS Target, Long Range, Accurate

Product Introduction

Radar systems are complex systems using radio waves to detect an object. These systems receive the reflection of an object in the air, measuring direction and distance. Radar systems can detect objects from several kilometers away and can also help the operator to infer telemetry data for those objects. However, detecting objects the size of a drone requires a high frequency radar. R series UAV detection radar will be a good choice.



Product Features

- Detects low-slow-small (LSS) targets such as UAV(RCS=0.01 m²)
- Provides accurate drone positioning, guiding defeat device prevent the drone from reaching its target
- Ku band providing not only high accuracy, but also eliminating electromagnetic interference in sensitive environment such as airport
- Lightweight equipment, easy set-up and withdrawal by a single person

Product Parameter

- Frequency band: Ku
- Maximum detection range: $\geq 3\text{km}$ (RCS=0.01 m²)
- Minimum detection range: $\leq 150\text{m}$
- Azimuth coverage: 360°
- Elevation coverage: 60°
- Operating temperature: -25°C/55°C
- Storage temperature: -40°C/70°C
- IP rating: IP65
- Dimensions(W*D*H): 340*340*570mm
- Weight: $\leq 27.0\text{kg}$