

Low Altitude Slow Small Target Defense System AUAV--Vehicular



Features:

Module design: Product detection system using modular design, you can freely select the detection system.

Mainstream frequency band suppression: Mainstream frequency band detection and interference, covering the mainstream radio communication band.

Standard electricity: Equipment using standard 220V mains, no power equipment.

Assembly is simple: Modular design for easy access and assembly.

engineering proposal: The equipment is engineered according to different customer scenarios to ensure optimal performance.

Artificial engineering: Ergonomic design, easy to operate.

Mode optional: The user can select unattended mode or manual control mode.

Interference distance: Transmit power adjustable, interference distance is 1000 ~ 1200 meters.

Hit rate is high: 360 degree omnidirectional detection and interference, without precise aiming.

Complex weather :Support complex weather conditions under the detection and combat, including haze, mist, 6 below Windy, drizzle.

Specifications:

Detection parameters:

Radio detection

working frequency: 100kHz~40GHz;

Direction Sensitivity: $\geq 15\text{dB}\mu\text{V/m}$;

Direction-finding accuracy: $\leq 2^\circ$ (RMS) ;

Radar detection:

Working frequency: Ku BandØ

Discovery probability: $P_d=0.8$, False alarm rate: $P_{fa}=10^{-6}$, Reflective surface: 0.01m^2 , Detection distance: 2km.

Antenna fan sweep range: $0^\circ \sim 360^\circ$

Target radial speed:3km/h~72km/h

Minimum detection distance: $\geq 200\text{m}$

Distance accuracy: $\leq 15\text{m}$

Azimuthal accuracy: $\leq 0.5^\circ$

Distance resolution: $\leq 15\text{m}$

Azimuth resolution: $\leq 2^\circ$

RF power: 10W

Photoelectric detection:

Detection distance: $\geq 1\text{KM}$

Distance resolution: $\leq 15\text{m}$

Azimuth resolution $\leq 1^\circ$

Interference parameters

Transmit power: MAX 10W,Third gear adjustable

Effective distance:1000~1200 meters

Interference mode:Unmanned Aerial Vehicle Departure / Unmanned Aerial Vehicle (can be choose)

Weight: 100kg

Operate temperature:20-55(Degrees Celsius)

Optional models: Iveco, Prado