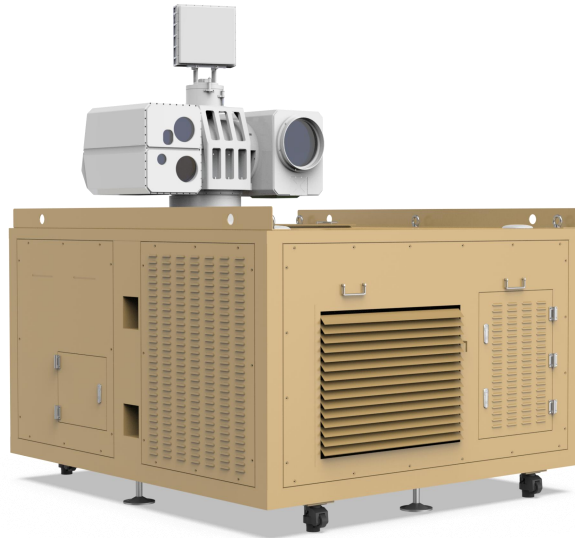


Laser Anti-Drone Security System

S-C01-010

Product Profile

The **S-C01-010** is designed for medium-to-long-range defense. It can efficiently neutralize drones of various types and sizes, offering strong penetration and a wide coverage area. It serves as a critical anti-drone security solution for high-value civilian zones.



Parameters

Item	Value
Laser Power	10kW
Max. Visible Light Acquisition Distance*	1.8km
Max. Infrared Light Acquisition Distance*	1.6km
Max. Damage Distance*	1.6km
Max. Damage Time*	≤10s
Max. Emission Time	120s in 4 times, 30s each, 15s for interval
Tracking Accuracy	10 μrad (FPV drone at a distance of 200m and a speed of 240km/h)
Turntable Operating Angle	Azimuth: N × 360°
	Elevation: -5°~ +70°
System Power Supply Requirements/Power Consumption	Single-phase AC220V± 5% @ 50Hz, peak power consumption 20kW, rated power consumption 13kW
Dimensions	≤ 2200mm(L)*2000mm(W)* 2400mm(H)
Weight	≤2500kg
Operating Environmental Temperature	-20°C ~ +55°C

Note: Indicators marked with * are measured against the DJI Phantom 4.

Laser Anti-Drone Security System

S-B01-005

Product Profile

The S-B01-005 employs a 4–6 kW high-power laser with infrared acquisition capability, enabling 7/24 surveillance without strain. Simple to power, compact in size, lightweight, and easy to operate, it is suited to a variety of medium- and short-range defense scenarios and offers the best cost-performance ratio within the product line.



Parameters

Item	Value
Laser Power	5kW
Max. Visible Light Acquisition Distance*	1500m
Max. Infrared Light Acquisition Distance*	1500m
Max. Damage Distance*	800m
Max. Damage Time*	≤10s
Max. Emission Time	120s
Tracking Accuracy	15 μrad (FPV drone at a distance of 100m and a speed of 160km/h)
Turntable Operating Angle	Azimuth: N × 360°
	Elevation: -5°~ +70°
System Power Supply Requirements/Power Consumption	External AC power: single-phase AC220V± 5% @ 50Hz, peak power consumption 9kW, rated power consumption 7kW
Dimensions	≤ 1600mm(L)*1100mm(W)* 1800mm(H)
Weight	≤700kg
Operating Environmental Temperature	-20°C ~ +55°C

Note: Indicators marked with * are measured against the DJI Phantom 4.

Laser Anti-Drone Security System

S-A01-002

Product Profile:

The **S-A01-002** integrates a highly efficient 2 kW laser with a wide acquisition angle. Featuring simple power requirements and a compact, lightweight design, it can be carried and deployed rapidly, delivering reliable performance in any environment. Ideal for civilian and low-intensity security applications.



Parameters

Item	Value
Laser Power	2kW
Max. Visible Light Acquisition Distance*	800m
Max. Infrared Light Acquisition Distance*	600m
Max. Damage Distance*	400m
Max. Damage Time*	6s
Max. Emission Time	60s (single charge)
Tracking Accuracy	30 μ rad (FPV drone at a distance of 100m and a speed of 160km/h)
Turntable Operating Angle	Azimuth: $-120^{\circ}\sim+120^{\circ}$ Elevation: $-10^{\circ}\sim+60^{\circ}$
System Power Supply Requirements/Power Consumption	External AC power: single-phase AC220V \pm 5% @ 50Hz, peak power consumption 1kW, rated power consumption 400W or internal battery power supply : max. endurance approx. 4h
Dimensions	$\leq 650\text{mm(L)}*500\text{mm(W)}*910\text{mm(H)}$
Weight	$\leq 90\text{kg}$
Operating Environmental Temperature	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$

Note: Indicators marked with * are measured against the DJI Phantom 4.