

Anti-drone Laser System

UAV Searching, Tracking, and Damage System



24-hour
on duty



360° coverage



Automatic searching,
acquiring, tracking



Operator optimized
interface



Easily transported
and relocated



High lethality
and reliability



The laser system is a next-generation, hard-kill solution designed to safeguard critical sites, including government facilities, airports, and high-value estates- from evolving drone threats with 360°, day-and-night protection. This system delivers decisive endgame effectiveness by seamlessly integrating advanced radar search, high-precision electro-optical tracking, and high-power laser neutralization. Its modular design supports both fixed installation for continuous perimeter security and rapid vehicle-mounted deployment for mobile, rapid-response missions.



Airport



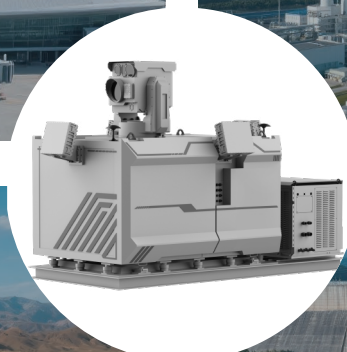
Nuclear Power Station



Oil Field



Dam



SPECIFICATIONS

	4KW	6KW	10KW
UAV detection range (m)	3000		
UAV tracking range (m)	2500		
UAV engagement range (m)	1500	2000	2500
UAV damage time (s)	10		
Power (kW)	4	6	10
Rotating range (°)	Azimuth: N × 360° Pitch: -15° to 75°		
Dimensions: L × W × H (m)	2.4×2×2	2.6×2×2.1	3.5×2.1×2.2
Weight (kg)	1700	2000	2400
Power supply	Powered by a built-in lithium-ion battery	Powered by a built-in lithium-ion battery	Powered by a built-in lithium-ion battery
	Charging input: 2-phase AC 220 V, 50 Hz	Charging input: Three-phase AC 380 V, 50 Hz	Charging input: Three-phase AC 380 V, 50 Hz
Operating temperature (°C)	-20~55		

Note: Detection, tracking, and engagement ranges for UAVs are specified based on the DJI Air 3 under conditions of visibility greater than 20 km and low atmospheric turbulence.