

Indrajaal unveils mobile Ranger ADPV



Indrajaal Drone Defence, a Hyderabad based defence technology firm, unveiled the “Ranger” on 26 November 2025. Referred to as world’s first Anti-Drone Patrol Vehicle (ADPV), Ranger is a fully mobile counter drone platform designed for active, in-motion surveillance and interdiction. It diverges from conventional vehicle mounted anti-drone units by operating as an independent, mobile combat solution capable of detecting, tracking and mitigating drones while on the move.



Indrajaal Ranger Anti-Drone Patrol Vehicle (ADPV).

The company stated that the development of the ADPV was driven by recent incidents along India’s borders, where drones have been used to transport weapons, narcotics and other contraband. One incident involved an ISI-linked network using cross-border drones to deliver weapons deep inside Indian territory. In another set of cases, the Border Security Force reported neutralising over 250 Pakistani drones within a year, many allegedly linked to drug-trafficking operations. These events highlighted the growing use of drones in bypassing ground security systems and prompted a push for mobile counter-drone capabilities.

At the launch event attended by Vayu, Lieutenant General Devendra Pratap Pandey (Retd), former General Officer Commanding of the Chinara Corps, noted that emerging drone threats required newer technological responses. Indrajaal’s Founder and CEO, Kiran Raju, said



Lt. Gen. Devendra Pratap Pandey (Retd), former GOC, Chinara Corps and (Right) Kiran Raju, Founder and CEO, Indrajaal.

the company’s approach was centred around reducing the impact of drone based infiltration on internal security.

Shift from fixed anti-drone systems to mobile response

Traditional anti-drone systems mounted on vehicles are largely meant for relocation between static points and generally require the vehicle to remain stationary to operate. Their primary use cases involve checkpoints, gate security and fixed perimeter protection. Indrajaal’s ADPV differs by integrating sensors, communication systems, electronic warfare modules and mitigation tools directly into the vehicle chassis. The company positions the Ranger as a purpose built platform engineered for continuous patrolling across borders, urban areas and high risk corridors.

According to Indrajaal, the system enables “on-the-move” drone detection, autonomous threat classification, real-time surveillance and immediate interception options. The mobile configuration allows it to operate in varied environments, from border roads and agricultural belts to dense city neighbourhoods and areas near critical infrastructure.

Operational purpose and claimed capabilities

Indrajaal positions the Ranger as a system aimed at supporting law enforcement agencies, border management teams and security forces dealing with drone enabled smuggling and surveillance. The company claims the vehicle offers long range detection, autonomous tracking and multiple mitigation tools, including cyber takeover, soft-kill options as well as hard kill solution with drone interceptor, called “Zombie”. Powered by the company’s proprietary SkyOS autonomy engine, the Ranger is designed to integrate sensor data, classify threats through AI, and execute automated responses where required.