



**SUNON**  
TECHNOLOGY



# ***Integrated UAV Detection & Counter Measure Device***



The Integrated UAV Detection & Counter Measure Device is a comprehensive solution designed to provide early awareness, precise tracking, and responsive mitigation of UAV in a single, mobile platform.

Engineered for performance and reliability, this system integrates advanced passive detection with targeted signal management to help operators maintain control over their surroundings. By continuously monitoring the airspace, the system is capable of identifying UAV activity at extended distances, recognizing control sources, and enabling timely response measures when necessary.

The modular architecture ensures flexibility across a wide range of deployment scenarios. Whether supporting infrastructure protection, event security, or mobile field operations, the system is built to perform effectively in complex and demanding environments. Its intuitive design allows for rapid setup and operation, ensuring that users can respond quickly and efficiently to evolving situations.

At the core of the system is a precision controlled signal management module mounted on a dual axis gimbal. This configuration enables broad directional coverage and accurate targeting, allowing operators to focus response measures only where needed while maintaining situational awareness.

## Counter Measure Capability

The system utilizes a multi band approach to manage UAV communication, navigation, and data transmission links, supporting effective and controlled response actions.

## Key Counter Measure Features

Multi band interference	GPS/GLONASS, 900 MHz, 2.4 GHz, 5.8 GHz
Effective operational distance	up to 1.5 km (site-dependent)
Antenna beam width	greater than 30 degrees
Full azimuth coverage	(0°-360°)
Gimbal rotation speed	≥ 30° per second