

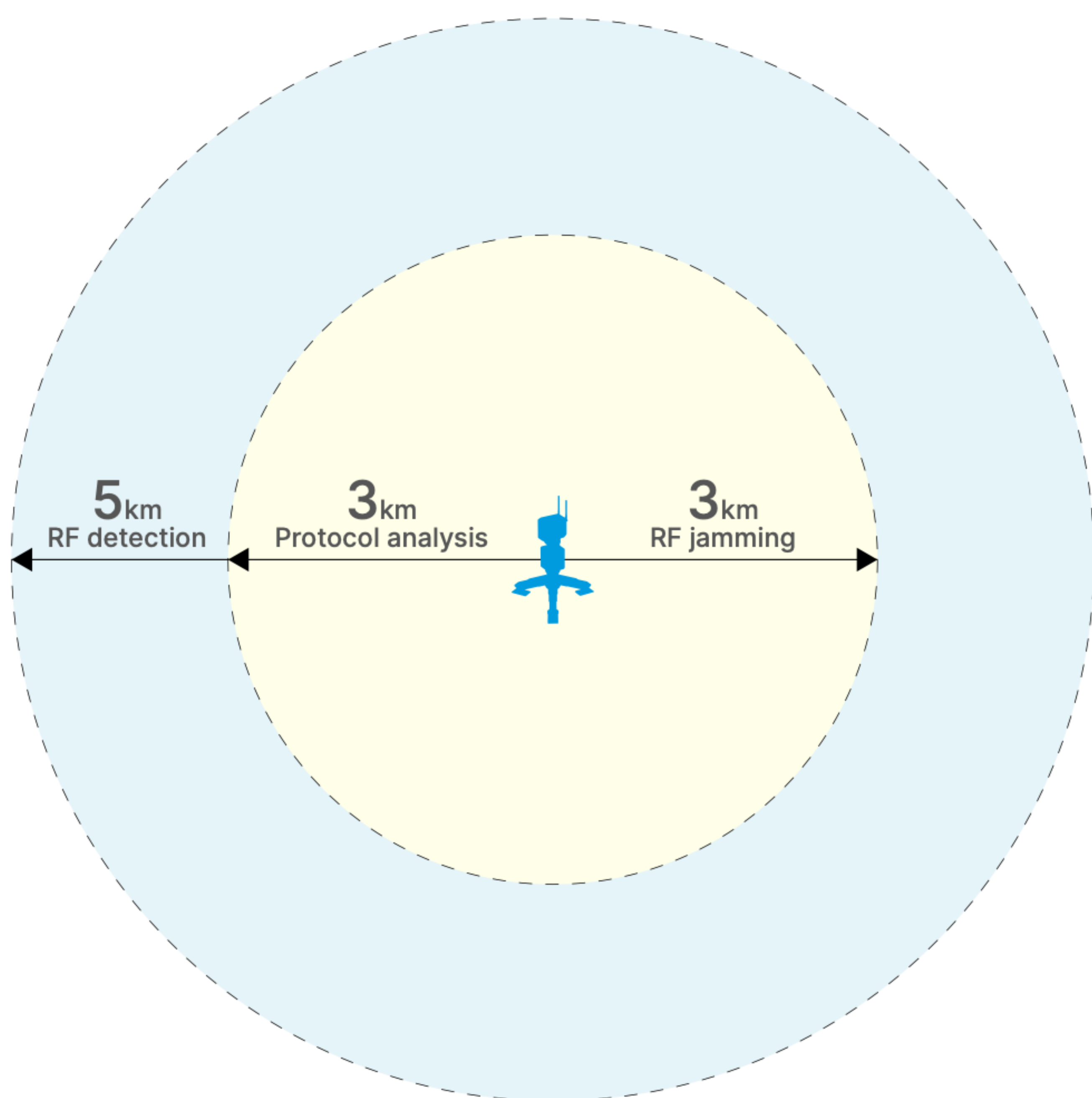
LAYERED PROTECTION

Detection

- **5km RF detection:**
Real-time detection of intruding UAVs
- **3km protocol analysis:**
Locating intruding UAVs and the pilots

Jamming

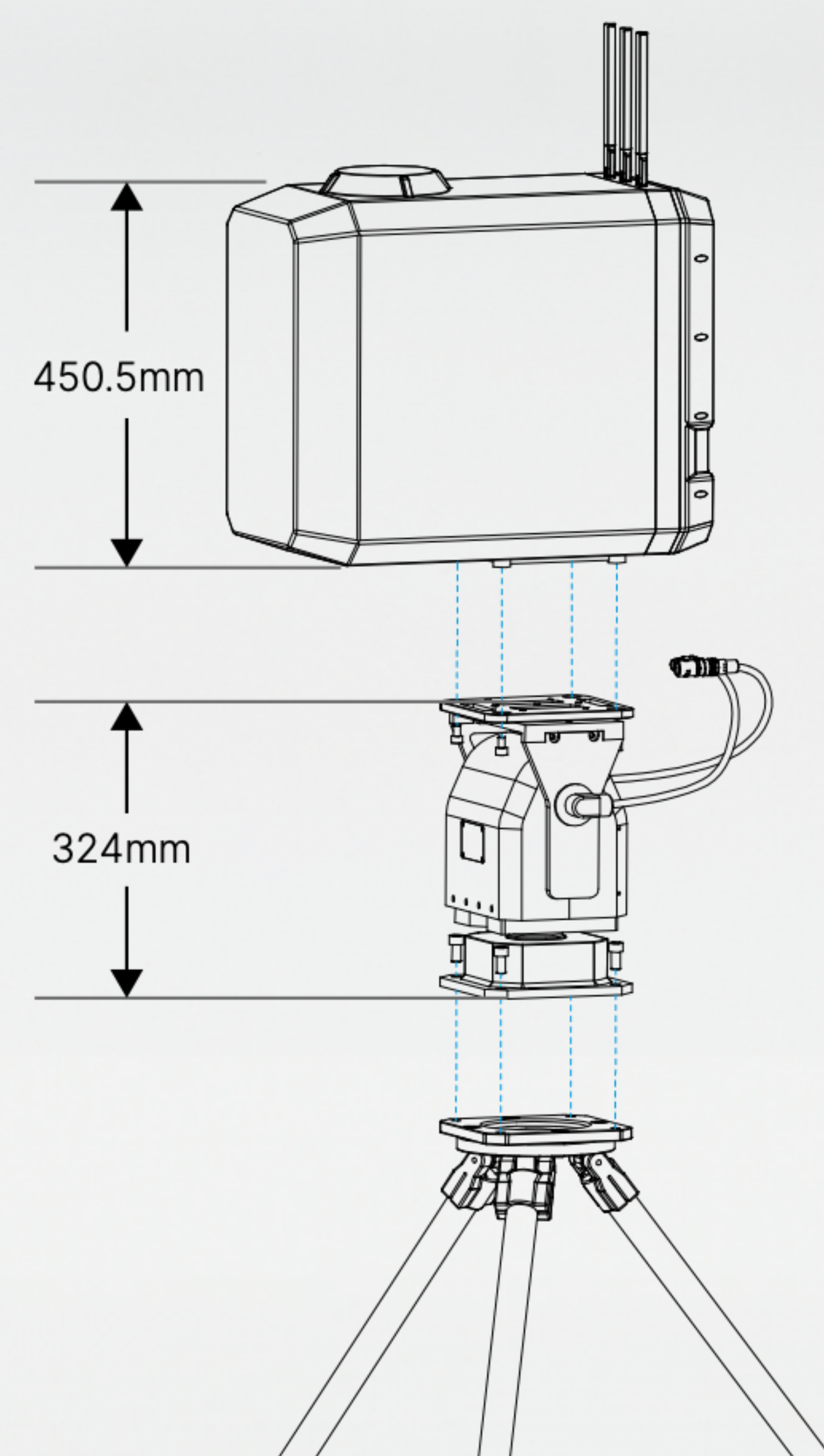
- **3km RF jamming:**
Interference to UAV remote control, video transmission, and GNSS navigation signals



BENEFITS

- Integration of protocol analysis and RF detection; extensive UAV data base with over 400 models; effective detection of both hostile and friendly UAVs.
- 400MHz~6GHz customizable full-band coverage.
- Intelligent jamming strategy: Utilizing different jamming strategies based on the brand, model, and distance of the UAV.
- On-the-move detection and jamming for most commercial drones

SFL100



SPECIFICATIONS

Protocol Analysis

Effective Targets: Drone ID & Remote ID

Detection Radius: 3km

Detection Information: SN number, coordinates, altitude, yaw angle, speed, remote controller coordinates (or return point) information, etc.

RF Detection

Frequencies: 0.4GHz~6GHz

Detection Radius: 5km

Detection Information: Spectrum, communication protocol type, current operating frequency band, direction, etc.

RF Jamming

Frequencies: 400MHz~6GHz customizable full-band coverage

Jamming Radius: 3km

Reliability

IP Rating: IP67

Operating Temperature: -40°C~+60°C

Hardware

Main Device Dimensions: 508 × 261.5 × 450.5mm (L×W×H)

Main Device Weight: 10.2kg

Pan-Tilt Platform Dimensions:

265 × 180 × 315mm (L×W×H)

Pan-Tilt Platform Weight: 12.5kg

Tripod's minimum working height /

corresponding support radius: 730mm/640mm

Tripod's maximum working height /

corresponding support radius: 1546mm/720mm

Tripod Weight: 6.55kg



SFL100

