

AT-620 Portable Detection-and-Jamming Counter-UAV Equipment

Compact handheld design with no external attachments for easy single-soldier carry. This detect-jam equipment offers 3km omnidirectional detection and 2km directional jamming, effectively countering DIY FPV and conventional drones. Its 360° detection/direction-finding/tracking is paired with SDR jamming technology and assisted targeting for precision strikes - forcing drones to crash, hover, land, or return.



Detect-Jam Integration

Integrates drone detection and jamming for 3km omnidirectional detection and 2km directional countermeasures.



Agile Jamming

Utilizes dynamic adaptive jamming codes to effectively disrupt DIY FPV and conventional drones, blocking flight control, data/video transmission, and navigation signals.



Full-Band Jamming

Covers global drone frequency bands with customizable configurations for diverse defense needs.



Aided Positioning

Features assisted targeting with real-time threat display, lock-on positioning, and operator location tracking.

Technical Specifications

Detection bands	100MHz~6000MHz
Detection signal types	UAV data/video transmission signal / UAV remote control signal / UAV navigation signal
Detection models	DIY FPV drones (ELRS/TBS Crossfire and other protocols), conventional drones (DJI / Autel / Parrot, etc.), WiFi-based drones, etc.
Detection direction	360° omnidirectional
Detection distance	≥ 3km (open environment), 0.5~1km (urban environment)
Direction-finding accuracy	10° (open environment)
Jamming bands	400MHz / 800~900MHz / 1.2GHz / 1.4GHz / 1.5GHz / 2.4GHz / 5.2GHz / 5.8GHz
Defense direction	Directional jamming (beamwidth ≥ 30°)
Jamming distance	≥ 2km (j/c ratio = 2:1), DJI Mini4 Pro / Mavic 3 ≥ 1km (j/c ratio = 1:1), DFPV (ELRS/TBS Crossfire protocol)
Response time	< 5s
Information display	5-inch display: self-check status, drone models, jamming bands, date time, battery level, jamming duration, operation logs, etc.
Operation time	≥ 30min (full power transmission)
Size	650*400*190mm
Weight	≤ 8kg
Protection level	IP54
Operation temperature	-30℃~+55 ℃
Storage temperature	-40℃~+70 ℃

