

DIRECTIONAL JAMMER

Controlled via RS422 for gimbal operation and LAN for remote control with linkage capability. The system supports automatic capture, tracking, and locking by the EO gimbal, and can simultaneously jam ≥35 UAV targets.



DISTINCTIVE ADVANTAGES

→ Jamming Range

360° horizontal

→ Frequency Bands

→ Capable of producing interference signals covering the frequency bands commonly used by UAVs.

→ Response Time

≤ 5s

→ Multi-Target Jamming

→ Maximum Number of Interferences At Same Time: ≥35



DIRECTIONAL JAMMER

Designed for maximum effectiveness, this system provides over 3 km operational range with full 360° coverage. It disrupts common drone frequency bands and supports both automatic and manual interference modes. Equipped with an electro-optical gimbal, it can detect, track, and capture drones in ≤ 3 seconds. With adjustable transmission power from 10 mW to 10 W and wideband output ≥ 1000 W, it can simultaneously neutralize 35+ drones. Remote-controlled via RS422 and LAN, with precise latitude, longitude, altitude, and azimuth settings, this system delivers fast, reliable, and intelligent multi-drone countermeasures for any security scenario.



TRIPOD

Device comes with a dedicated tripod.



JAMMING CAPACITY

Maximum simultaneous jamming capacity: ≥ 35 drones.



REMOTE CONTROL

The device controls the gimbal via RS422 and supports remote control over a LAN.



AUTO-DETECTION AND TRACKING

Gimbal supports automatic detection, tracking, and locking of targets.



AUTOMATIC JAMMING

Supports automatic and manual jamming.

Specifications

JG-SC10

Jamming Range	> 3km
Jamming Angle	Horizontal 360°
Jamming Frequency Bands	7 Channels
Response Time	≤ 3 sec
Maximum Simultaneous Drone Jamming Capacity	35
Operating Temperature	-20°C to 50°C / -4 °F to 122 °F
Automatic Jamming	Supports automatic and manual jamming
Remote Control	Support
Adjustable Transmit Power	Transmit power adjustable to 10 mW (10 dBm) or 10 W (40 dBm)
Transmit Power	In wideband jamming mode, the total transmit power shall be ≥ 1000 W

* Depending on the RF environment & line of sight

* Please email us for more information