

# SIGN4L

## NavControl-G

# ATTACKS DISABLED. DEFENSE SECURED.



The NavControl-G system uses the most advanced GNSS (global navigation satellite system) jamming and spoofing measures to provide robust defense against hostile unmanned aerial vehicles. Designed and built by SIGN4L in the UAE, the NavControl-G produces GNSS denial and emulation signals to safely distance unmanned vehicle threats.

The system provides jamming and spoofing of GNSS signals to simulate a contradictory alternative path, thereby protecting an intended area of interest.

# S P E C I F I C A T I O N S

## Key Features:

- Jamming the full range of GNSS spectrum
- Spoofing GPS signal to protect a specified area of interest
- Powerful RF amplifiers for extended range operations

## Components:

- Jamming/spoofing transmitter housed in shock-proof ruggedized case
- Three-frequency directional antenna

## Specification

ITEM	DESCRIPTION
RF Jamming frequency	GPS L1/L2, GLONASS L1, BEIDU B1I
Spoofing frequency	GPS L1
RF Jamming power	100 W
Spoofing power	100 W
Antenna	High gain helix
Spoofing range	Up to 50 km
RF Jamming range	Up to 50 km
Spoofing mode	Static & Dynamic
Static mode	Transmit a fixed position
Dynamic Mode	Transmit desired trajectory positions
Operating Temperature	Indoor Equipment (case): +15°C to +35°C Outdoor Equipment (antenna): -40°C to +71°C
Size	Indoor Equipment (case): 61 x 85 x 80 cm Outdoor Equipment (antenna with tripod): 180 x 145 cm
Weight	40 kg