G03-50K GNSS Spoofer

Directional, Ultra-long Range, Accurate

Product Introduction

GNSS spoofer is the generation and transmission of fake GNSS signals, with the aim to lead a GNSS receiver astray, possibly without the GNSS receiver being aware of the attack. GNSS spoofer overtake the rogue drone's navigation link and manipulate the information within it. The spoofer sends a new signal to the drone, replacing the communication with GNSS satellites, such as GPS or GLONASS. By dynamically altering the GNSS coordinates in real-time, the drone can be controlled by the spoofer and flown to a safe zone.

Product Features

- Set the no-fly zone to make the drone can not take off or landing

- Set the displacement direction and displacement speed of the drone to make the drone move in a straight line or in a circle

- Cooperate with radar to capture drones in the coverage area and guide them to a safe area specified by the user, the coordinate positioning accuracy of the spoofing signal is better than 20 meters

- Working hours: 7*24, signal transmission can be turned on and off remotely

Product Parameter

- Spoofing bands: GPS L1/L2/L5, GLONASS L1/L2, BDS B1/B2, Galileo E1, QZSS L1

- Spoofing range: ≥50km

- Azimuth coverage: 360°

- Elevation coverage: -10°- 70°

- Power supply: AC 220V

- Operating temperature: -20℃/55℃

- Storage temperature: -40℃/70℃

- IP rating: IP65

- Dimensions(W*D*H): 360*360*530mm

- Weight: ≤35kg