

SKYFEND

SPOOFER

Portable GNSS Spoofer

Spoofers are drone navigation spoofing devices designed specifically to counter path-planning drones. It is able to simulate and emit satellite navigation signals. Furthermore, by integrating various spoofing strategies, it achieves functions such as preventing drone entry, forcing flight in a specific direction, or causing the drone to become unstable and crash.



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All Frequency Coverage

Covers the four major global satellite positioning systems: GPS, BeiDou, Galileo, and GLONASS.



High Efficiency Intrusion

Deception signals take effect within 10 seconds.



Quick Response

Supports one-button startup; completes clock stabilization and ephemeris almanac collection within 1 minute, making it ready for signal emission.



Ease of Use

The spoofing strategies employed by Spoofing are diverse and the configuration is straightforward. The spoofing modes are tailored to match different drone models, reducing the impact of operator proficiency on spoofing effectiveness.

SPECIFICATIONS

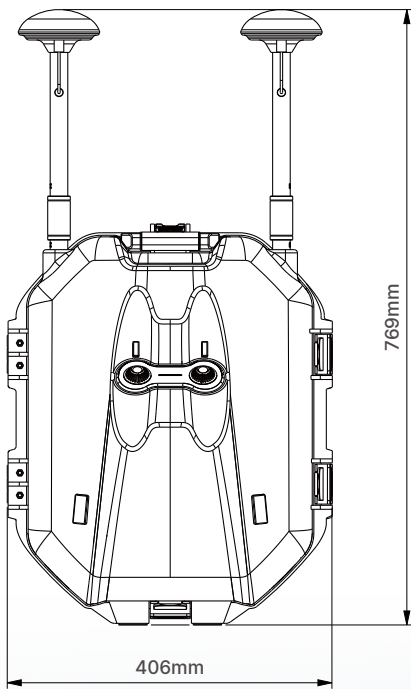
TECHNICAL SPECIFICATIONS

Supported Frequencies	GPS: L1C/A, 1575.42MHz	GLONASS: L1, 1598.0625~1605.375MHz	Galileo: E1, 1575.42MHz
Effective Range (km)	Typical: 2 km (spoofing range varies by drone model)		
Preparation Time (min)	≤1		
Deception Activation Time (s)	Typical 10s (varies with different drones)		

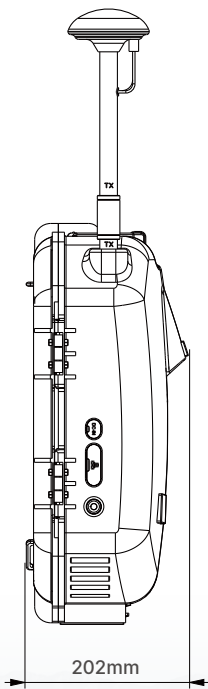
PHYSICAL SPECIFICATIONS

Dimensions (L*W*H)	With antenna: 748.4*405.2*202.4mm; Without antenna: 469.6*405.2*202.4mm			
Weight	9kg			
Operation Time	Standby: ≥4.5h;	Signal Emission: ≥3h		
IP Rating	IP65			
Operation Temperature (°C)	-20 ~ +55			

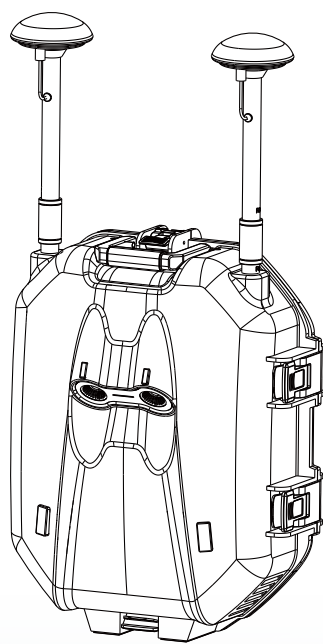
THREE-VIEW DIAGRAM



Front view



Side view



Rear view

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