

# SLA-4B1L1-130

## Anti-interference Antenna

### ◆ PRODUCT INTRODUCTION

The SLA-4B1L1-130 anti-interference antenna receiver integrates a 4-element antenna array anti-interference and high-dynamic receiver, which can receive BDS B1I and GPS L1 frequency signals and can meet the technical requirements of various high-dynamic carriers and applications.

### ◆ FEATURES

The integrated design of antenna excitation, RF, anti-jamming module, satellite receiver base-band, and computation is realized in a very small volume and meets the needs of high-reliability and low-cost applications.

### ◆ APPLICATIONS



Naval and Coast Guard Platforms



Armored Land Vehicles



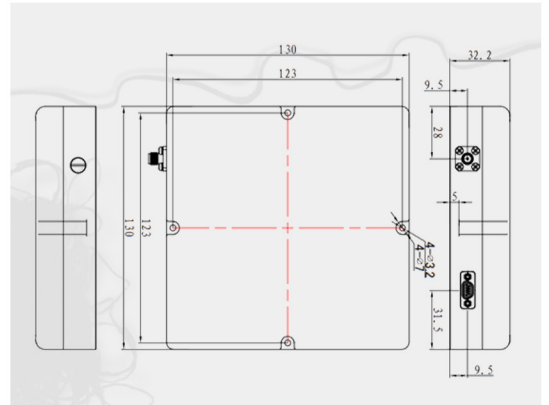
Critical Infrastructure EW Protection



Maritime EW Protection



Military Communications



## PERFORMANCE

Parameter	Index	Remarks
Operating Frequency	BDS B1I /GPS L1	
Operating Mode	Single-mode or dual-mode joint positioning	Support single BDS or GPS positioning
Navigation Port	232 serial port, output navigation information (customized protocol or standard NMEA protocol)	Connector J30J-9zkp
Debug Port	Debug port RS-232	
Data update rate	1~10Hz	
Serial port rate	38400 default	Up to 614400 configurable
Data Output	≤2s	
Power supply	DC 9~36V±10%	
Embedded GNSS receiver	Ublox M10	
Cold Start	<50s	
Lost - reacquisition	< 2s	
PPS	1Hz pulse width 1ms 3.3V	Rising Edge Triggered
Power consumption	≤10w	
Anti-interference performance	Single Interference Resistance	115dB
Standard Version	Triple Interference Resistance	105dB
RF output characteristics	Supports RF output after anti-interference processing, which can be directly connected to a general GNSS receiver.	The function is disabled by default and can be enabled according to user requirements.
Storage temperature	-55°C~+60°C	
Operating temperature	-40°C~+70°C	
Weight	<665g	