Product specification

GNSS Timing Antenna
Geobox Fora A5234

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GNSS Timing Antenna
Geobox Fora A5234

1 Product Introduction

A5234 is a Geobox six-frequency timing antenna. The antenna has the characteristics of high gain, miniaturization, high sensitivity, multi-system compatibility and high reliability, which can effectively meet the needs of users.

2 Application Area

The antenna can be used with a variety of satellite timing receivers, and is widely used in the fields of communications, electric power, fine agriculture, and oceans. It can also be selected for use in the military field according to the application conditions.

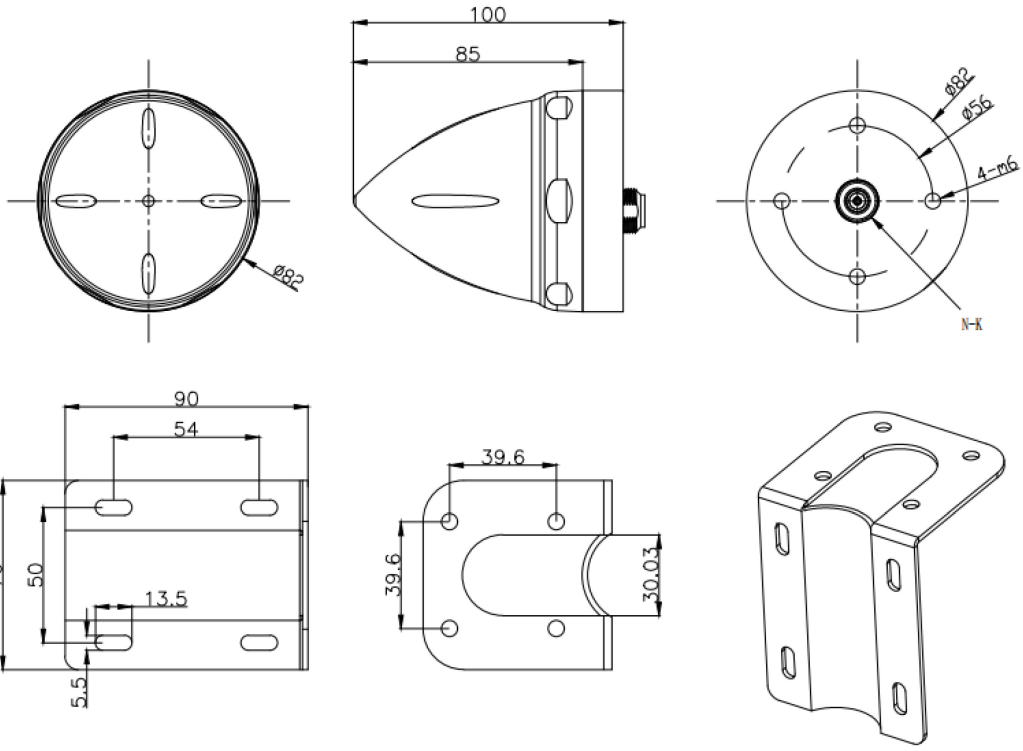
3 Product Specifications

Antenna Performance	
Frequency Range (MHz)	GPS L1/L2 GLONASS L1/L2 BDS B1/B2
Gain (dBi)	≥3
Horizontal beam width	360°
Antenna AR (dB)	≤4.0
Polarization	Right-hand circular polarization
Port Impedance	50Ω
LNA Performance	
LNA Gain (dB)	34±2
Noise Figure (dB)	≤2.5
Flatness In Band (dB)	≤±1dB
(dB) Out Of Band Rejection	> 60 dBc @ ±100MHz
VSWR	≤2.0
Operating Voltage (V)	3.3-12 DC
Operating Current (mA)	≤35
Mechanical Specifications	
Connector Type	N-K

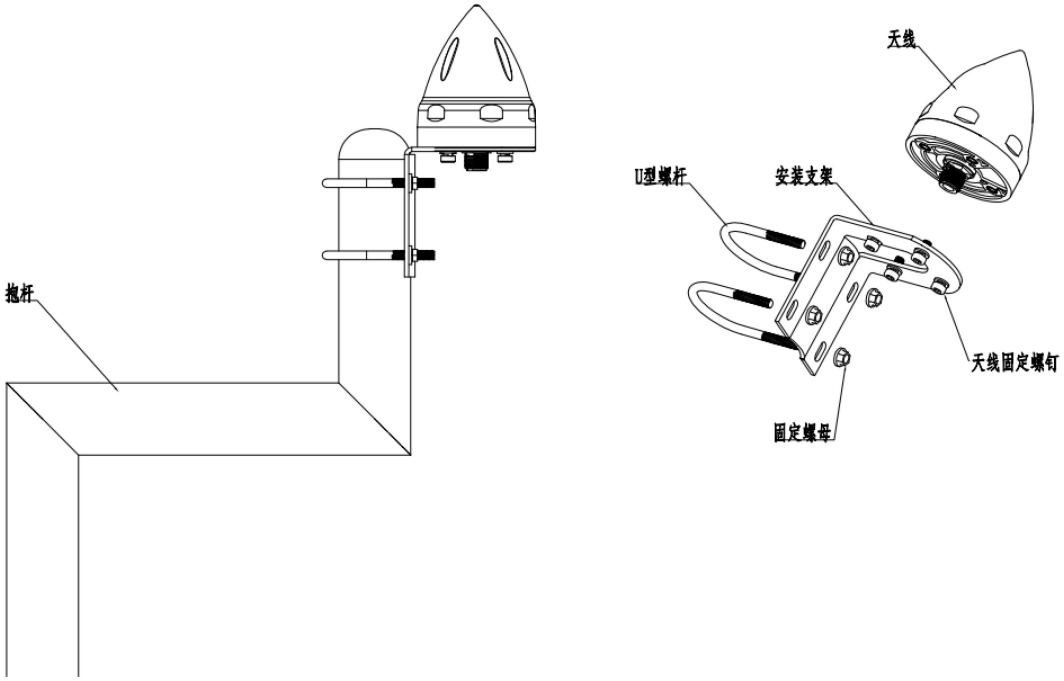
Antenna Size (mm)	Φ82×100
Antenna Net Weight	≤225 g
Total Weight	≤600 g
Environmental Specifications	
Waterproof Grade	IP67
Lightning protection performance	5 KV, 8/20 us
Environmental Protection Grade	RoHS 2011/65/EU GB/T 26572-2011
Operating Temperature (℃)	-40-+85
Storage Temperature (℃)	-55-+85
Relative Humidity	95%

4 Product Structure Chart

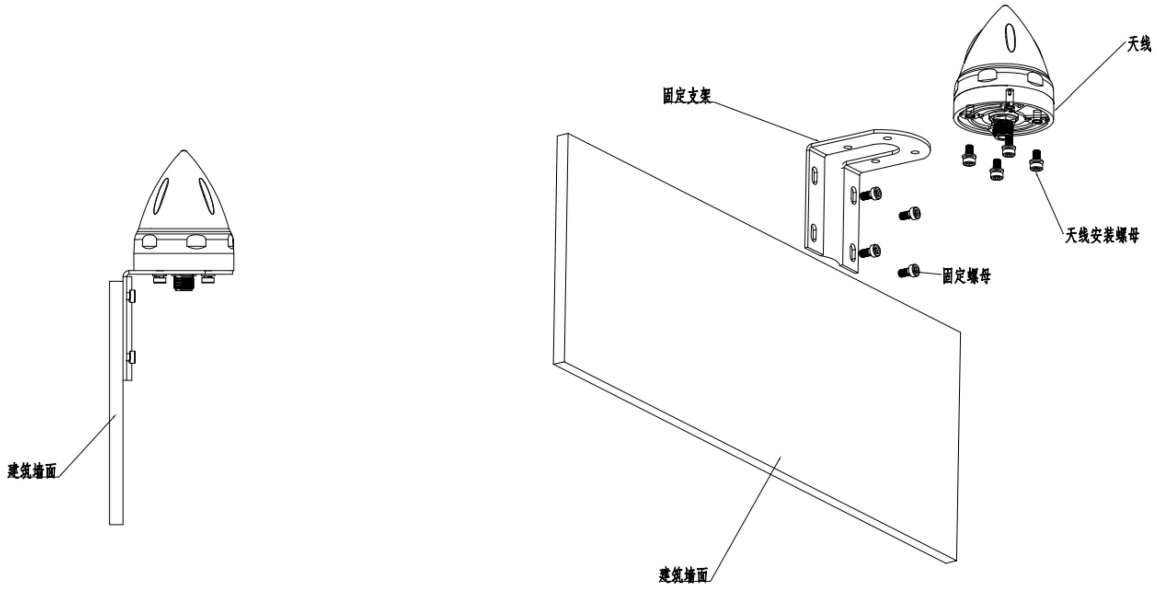
Antenna And Aounting Bracket Drawing



Overall Installation Drawing



Installation method one



Installation method two

5 Packing List

Antenna (pcs)	1
Mounting Bracket (pcs)	1
Mounting Screws (pcs)	4
Install The Clamp (pcs)	2
Install The Nut (pcs)	4