

## ER-FNS-02 High Precision FOG North Finder



### Introduction:

This ER-FNS-02 High Precision FOG north seeker is mainly composed of closed-loop FOG, inertial measurement unit, digital signal processing unit and the mechanical part. It provides high precision true north azimuth information to the carriers.

Products are mainly used in static initial alignment of missile launch, weapon targeting, and direction control of radar, antenna and armored vehicle, also can be used for coal mining, oil drilling, tunnel construction and geodesy.

### Specifications:

Parameters	ER-FNS-02A	ER-FNS-02B	ER-FNS-02C
Gyro Type	Single axis FOG		
Dimension (mm)	220×200×215mm		
Weight (Kg)	5.0Kg	4.5Kg	4Kg
Power supply	AC220V, 50Hz/AC110V, 60Hz/DC18V~36V		
Power consumption	≤15W		
Start-up time	5min		
Working latitude	-65°~+65°		
North seeking precision	0.02°secψ	0.06°secψ	0.1°secψ
North seeking time	5min		
Heading angle measurement range	0°~360°		
Pitch angle measurement range	-65°~+65°		
Output method	Universal RS422 serial interface, Can also be customized according to user needs.		
Operating temperature	-40℃~+60℃		
Vibration environment	20Hz~2000Hz, 6.06g		
Impact environment	8ms~11ms, 30g		
Note	Universal		