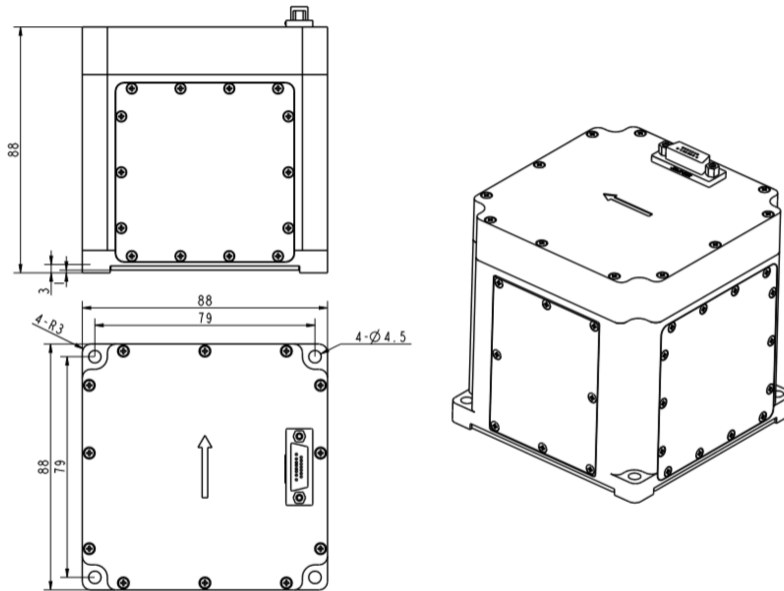




BS-FN600-M-D6EC is an inertial navigation system (INS) based on fiber-optic gyroscopes

- Compact size
- Can receive the external GNSS data
- High ability to maintain the accuracy of pure inertial navigation

Project	Test conditions	Indicators
Positioning	External GNSS Valid,	Better than external satellite positioning
Heading accuracy	Self-north seeking accuracy	0.6 ° SecL, alignment for 3min 0.3 ° SecL, alignment for 15 min
	Maintain accuracy	1°/4h①
Attitude accuracy	GNSS is valid	0.2° (RMS)
	Attitude hold (GNSS)	0.2°/4h (RMS) ①
Gyroscope	Measuring range	±400°/s
	Zero bias stability	≤0.3°/h②
Accelerometer	Measuring range	±16g
	Zero bias stability	≤100μg②
Physical dimensions and electrical characteristics	Voltage	9-36V DC
	Power consumption	≤8W
	Interface	2 RS 422,1 PPS (LVTTTL/differential level)
	Size	88mm × 88mm × 88mm (L, W, H)
	Weight	≤750g
Environmental characteristics	Operating temperature	-40°C~+60°C
	Storage temperature	-45°C~+70°C
	Vibration	20~2000Hz, 6.06g③
	Impact	30g, 11ms③
	Life span	> 15 years



C O N T A C T
BLITZSensor

Info@blitz-sensor.com