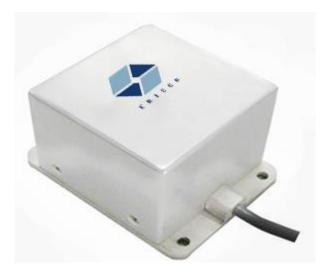
ER-203 is a high accuracy dual -axis inclinometer, according to measuring the static acceleration of gravity change, concerted to angle change . Measuring output of sensor relative to the horizontal plane tilt and pitch angle.

The fastest angle response speed of ER-203 is 5 times/sec. Product has 5 order filter, user can set up based on their needs, balancing selection precision of Angle and tilt Angle's relationship of response speed.



Specification:

Parameter	Performance	Unit
Response speed	1~5	Hz
Measurement range	±5°~ ±30°	o
Resolution	±0.0001	0
Accuracy(<±5°)	0.001	0
Accuracy(<±15°)	0.003	0
Accuracy(<±30°)	0.005	0
Nonlinearity	±0.4	%
Zero point repeatability	±0.002	0

Temperature drift (-40°~ +70°)	±0.02	%
Operating voltage	8~15	V
Operating voltage	116~136	MA
Operating temperature	-40~+80	°C
Serial data format	9600, n, 8, 1	BPS*