

- Product is under development and specifications are subject to change.

Micro Tilt Sensor



Precision measurement is not just about removing variability,
it is also opening up new possibilities.

Now under development!

Development Background

Is there any non-contact method to measure the inclination of a narrow space? This project was planned based on such a customer's request.

Ultra-compact Tilt Sensor is a surprisingly lightweight and compact product that has been used in a variety of fields. However, there are cases where only a more compact product can be used. We are currently developing a tilt sensor the size of a one yen coin.

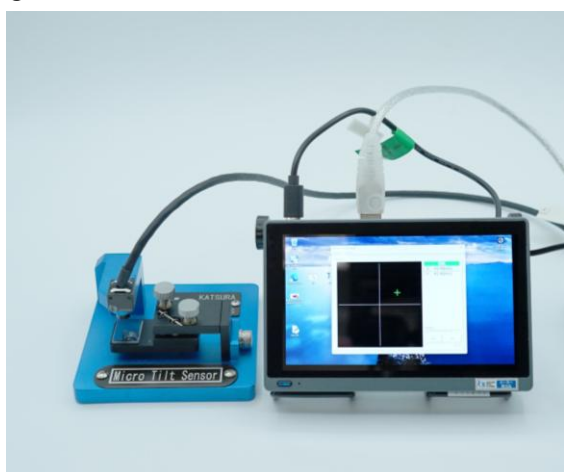
Features

1. Ultra-compact size of another dimension
2. Lightweight
3. Multiple sensors can be connected

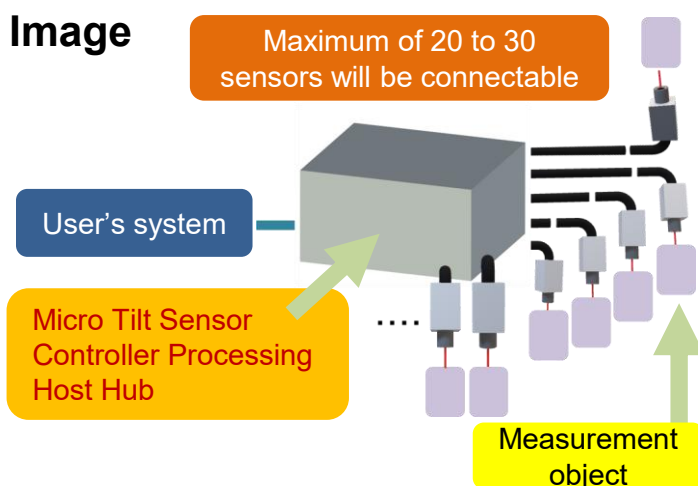


System

*The specifications are subject to change as the product is still under development.



Image



Specification

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Item	Micro tilt sensor
Measurement Sample	Optical Plane
Measurement Type / Measurement Method	Tilt ($\theta X, \theta Y$) / Autocollimator
Working Distance	0-10mm
Repeatability	3arcsec(target value)
Measurement Area	Tilt ($\theta X, \theta Y$)
	+/-150arcmin
Data Output	T.B.D.
Size (Without Protrusions)	W14xD14xH21mm
Weight	50g(including cable)

*The appearance and specifications of the product are subject to change without notice for improvement purposes.

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