

DAVI HSAF-System (High speed AF System)



● Daitron's original high-speed auto focus control technology

The heightwise image and the length-measuring information required in image defect detection of **DAVI Engine**.

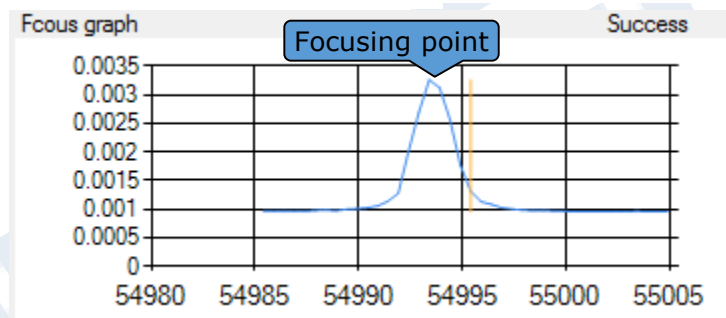
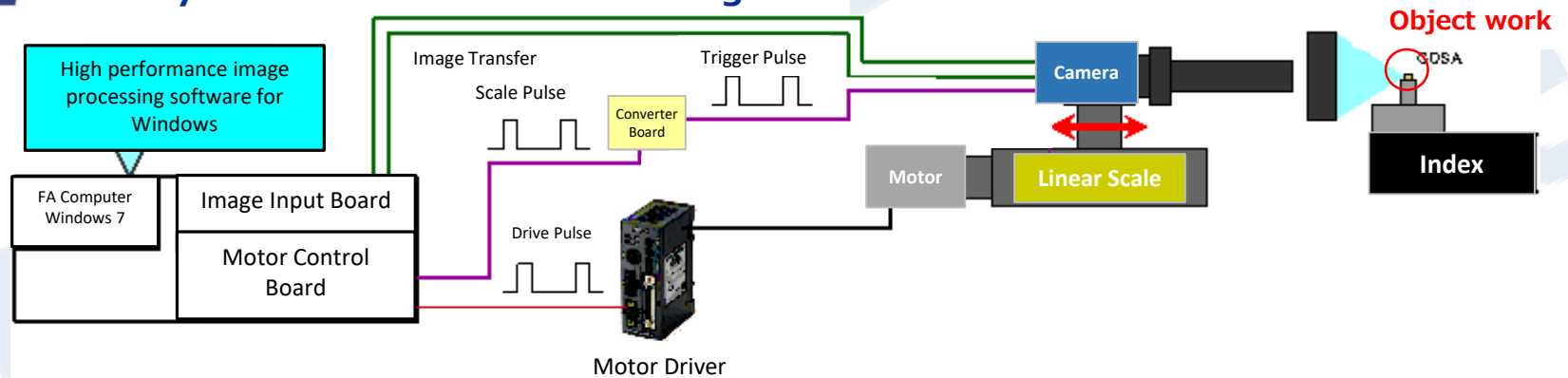
Daitron has developed a new original focus mechanism for higher-precision image inspection of height information.

The precise motion control technology and the equipment introduction/system integration & control are applied to the optical control technology.

This original technology will give you more options in optical lenses, filters, and lighting equipment.

This system obtains highly precise and realistic images and provides an overwhelming degree of accuracy in length-measuring performance and image processing determination.

● DAVI HSAF System Construction block diagram



● Specifications

	Item	Description
1	Focusing system	Original image processing system
2	Maximum stroke length	12mm
3	Z-axis resolution	Select 0.5 μm or 1.0 μm
4	Focusing speed (standard)	500msec (at 40-piece multifocal imaging/20μm wide) *The speed searching for the image in focus. Different from the speed in an observable state.
5	Supported object lens	20x (standard) Selected out of 2.5x/5x/10x/50x/100x