

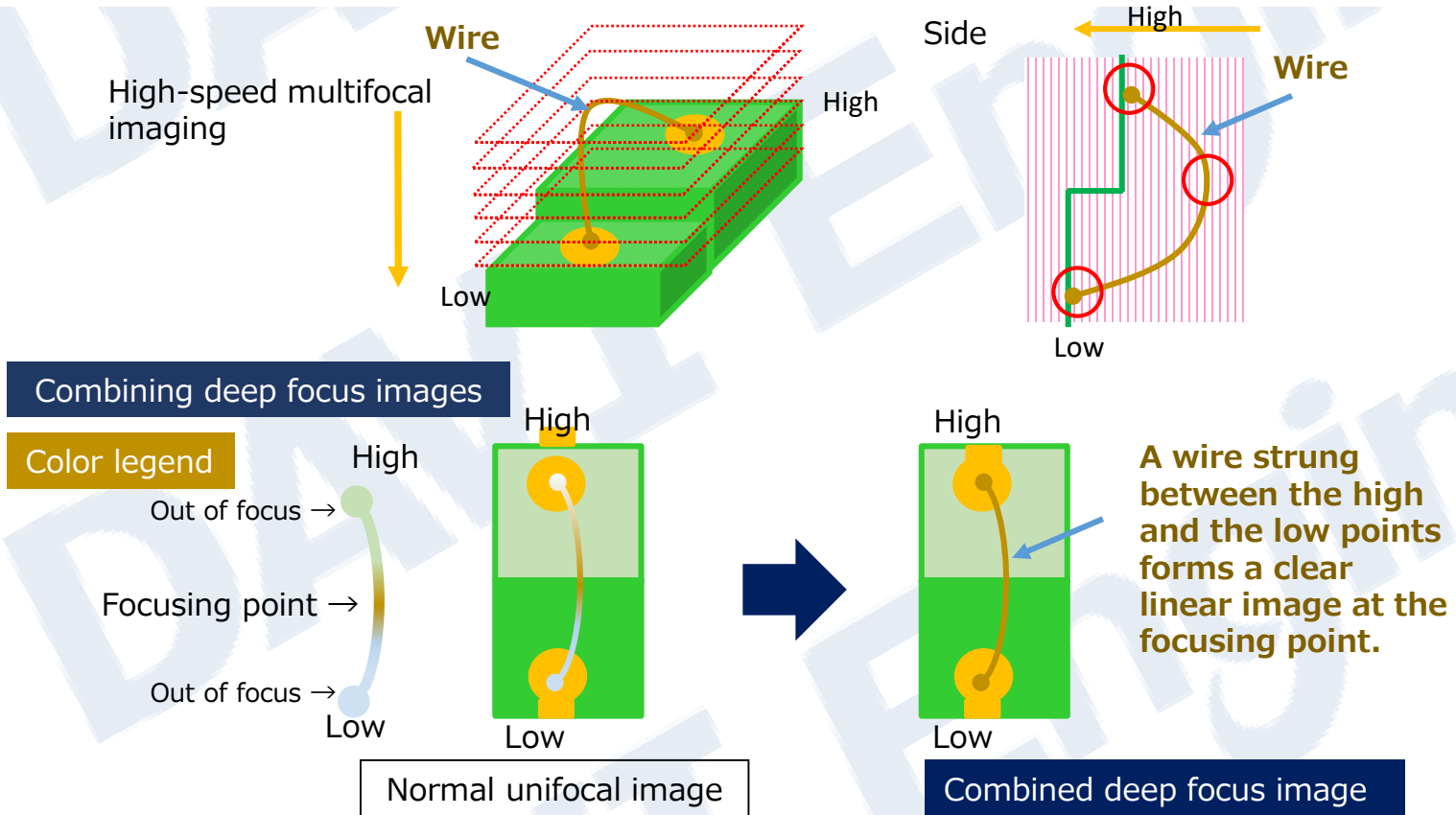
● High-precision deep focus image combining function based on DAVI HSAF System

Takes many images while synchronously operating by high-speed AF a shallow short-focus lens that can take bright and precise images.

Combines precise and realistic images by processing them at a high speed.

Enables acquisition of bright and highly precise RAW images that are totally different from the images of normal deep focus lenses.

Their realistic images provide an overwhelming degree of accuracy in length-measuring performance and image processing determination.

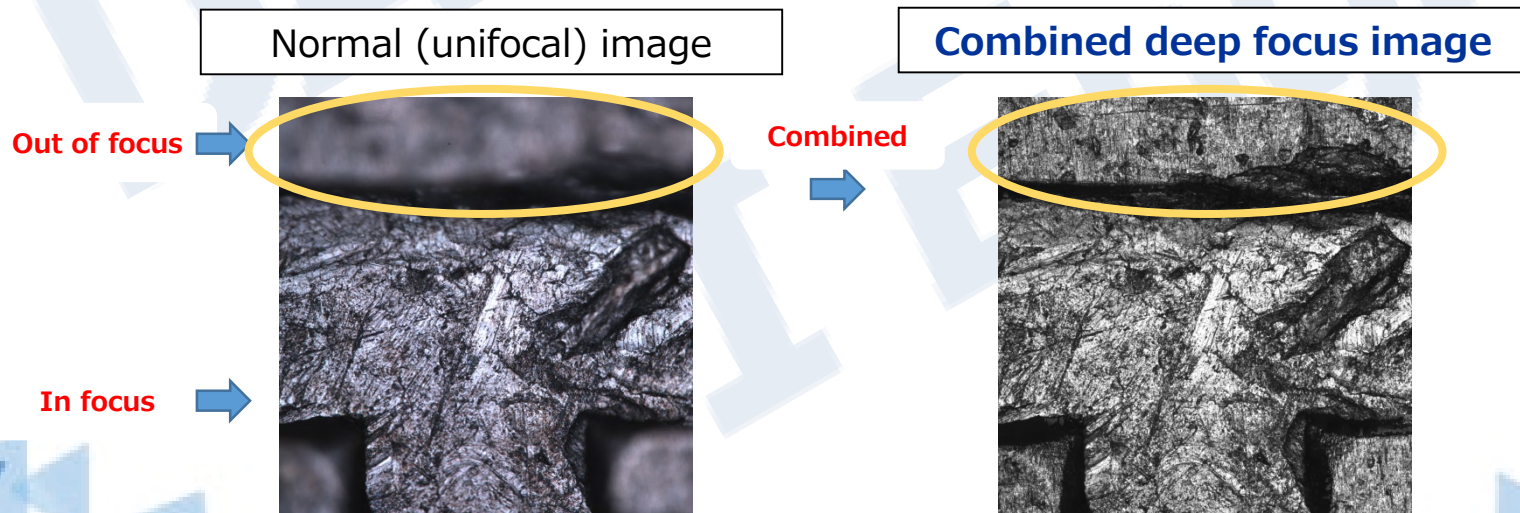


Can detect abnormal wire curves up to *7.6μm

*Distance between the base line and the top

✓ Please consult your sales rep about the actual image of the above description.

● Deep focus image by DAVI Engine sample (coin)



● High-precision & panoramic image combining function based on DAVI OPCC System (2D combining)

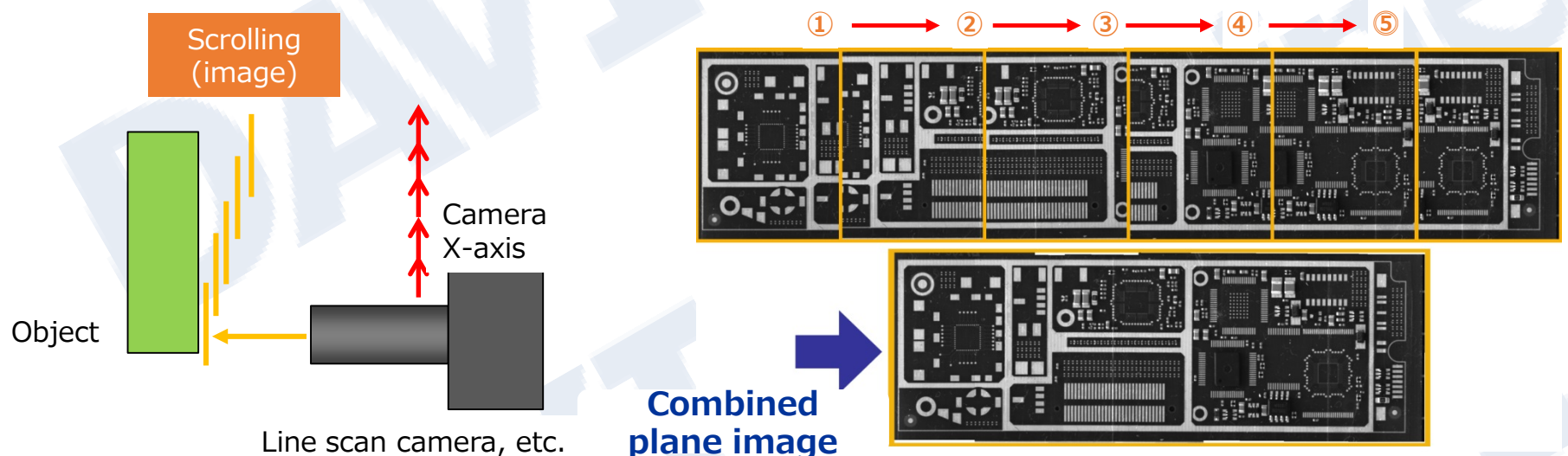


Takes multiple images of the inspection object too long to fit in the camera view with the high-power (small-field) lens continuously moving it under vibration removal/damping control of the high-precision & high-speed inspection stage. Combines a high-precision & high-definition panoramic image by synchronizing these individual images with the stage transfer data (shifting to low-power lenses is possible, of course).

Realizes realistic imaging of brightness and definition totally different from the wide-field lens imaging, which has lower brightness and definition despite the wide field of vision.

Their realistic images provide an overwhelming degree of precision in length-measuring performance and image processing determination.

The continuous imaging and high-speed image processing technologies based on **Daitron's** conventional **technologies in precise motion control** and **equipment introduction/system integration & control technologies**.



- [Simultaneous processing logic]
- Correction of lens distortion
 - Correction of chromatic aberration
 - Tilt compensation of camera from the measured surface
 - Transformation from pixel coordinates to world coordinates