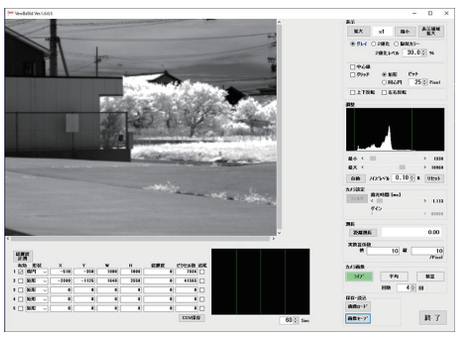
IMAGE VIEWER SOFTWARE　　SYNOS IMAGE VIEWER

The image display software for SYNOS' image detector. Besides image enhancement, it has simple luminance analysis function.

Synos Image Viewer is the viewer software for various detectors of SYNOS. By simply installing it on PC, you can easily display image of SYNOS' detectors. Furthermore, **Synos Image Viewer** has a simple luminance analysis function in addition to image display & improvement function.



【Main function of Synos Image Viewer】

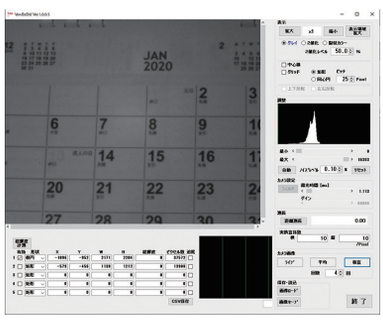
○Image display function
- ●Live display, image average, image accumulation
  - ・Normal image, binarized image, pseudocolor display
- ●Image enhancement (histogram stretching, automatic contrast enhancement)
- ●Grid display
- ●Manual length measurement function

○Simple luminance analysis function
- ●Total luminance measurement function within cursor, total luminance measurement function with time variation

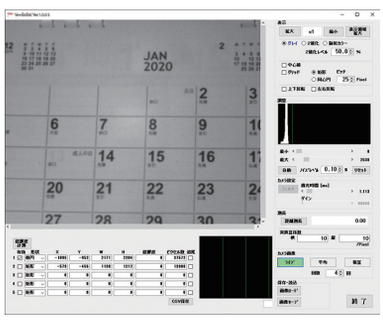
○Save images
- ●Save and read images

【Image enhancement function】

●Live
(Detector: InGaAs NIR detector ISA041H2)

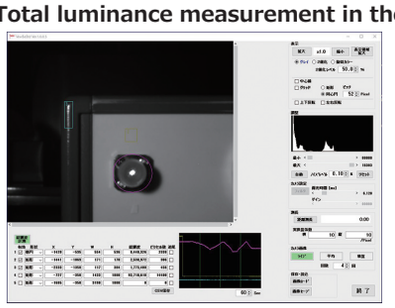


●Image accumlation
(Detector: InGaAs NIR detector ISA041H2)



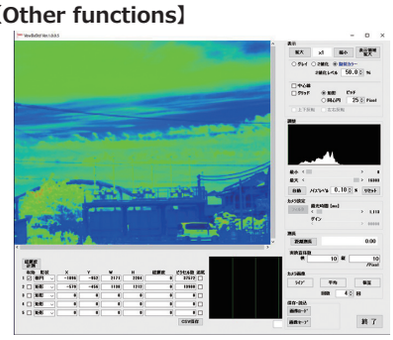
●Image enhance (histogram stretch)
(Detector: InGaAs NIR detector ISA041H2)

【Total luminance measurement in the set cursor】

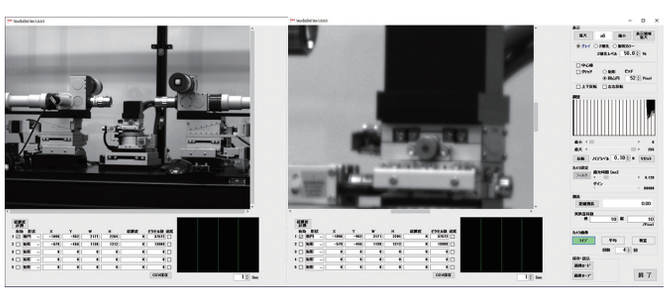


It is a function to set the measurement cursor in the screen and to simply measure the total luminance in the cursor. Up to 5 measurement cursors of circular or rectangular shape can be set. The measurement result display window displays the position and size of each setting cursor, the total number of luminance counts in the cursor, and the total number of pixels in the cursor. Data can be written in csv format. In addition, the time change of the total luminance count number within each setting cursor is displayed on the right side of the measurement result display window. It is possible to apply the power monitoring during optical fiber alignment and the monitoring the time variation of emission from the sample.

【Other functions】



●Pseudo color display



1×　　6×

●Digital zoom

【System Requirements】

●Supported OS:	Microsoft Windows 10 (32/64 bit)
●Supported hardware:	Intel Chipset ICH series (6 or later) is installed
●CPU performance:	Intel Core 2 duo 2.4 GHz or higher
●Available memory:	512 MB or more

【Corresponding detector】

○InGaAs NIR detector
- ●**ISA041H2**
- ●**ISA041HRA/HRVA**
- ●**ISA041M**

○High resolution digital CCD detector **ISA011**
○High resolution CMOS detector **ISA071/ISA071GL**