## XView Introduction

## **General Information**

XView is X-ray image evaluation software that works with an X-ray CMOS camera, X-Point Super Zero. You can optimize the camera settings in real time when importing the image to the PC while controlling various camera parameters with the menu located on the left side of the image.

Xv XView ( version 1.0.1 )	
File	Contents
Close Camera	⇐ Start and Stop the capture, Freeze image
Live Freeze	
Copy Save 16Bit Save	⇐ Save image Copy temporarily save image on Clip board
Image Integration 7 Binning 1/1 1/2 1/4 Max-Min Display Range 0 - 4761 Max Min Pixel Clock 118 MHz	<ul> <li>⇐ Realtime image accumulation for lowering random noise</li> <li>⇐ Binning Summing 2×2, 4×4 pixel data contributes to reduce image file volume and increase sensitivity. On the other hands Image display size reduces to 1/2,1/4 against original image size.</li> <li>⇐ Compressing and Enhancing the contrast by adjusting Max, Min range</li> </ul>
Frame Rate 24.99 fps Exposure 40 ms	<ul> <li>Frame rate control for sensing up in conjunction with exposure time</li> <li>Exposure time control for sensing up in conjunction with frame rate</li> </ul>
Master Gain 100	⇐ Gain control , Boost contributes Max gain extension.
0 9 ✓ Edge Intensity 6 Hot Pixel ✓ Correction Sensitivity ✓ Adaptive 3 € UI526xCP-M Stop	<ul> <li>Edge Enhance control</li> <li>Hot Pixel Correction</li> <li>By long exposure, high gain, etc. to increase the camera sensitivity.</li> <li>Many white spots called hot pixel may appear on the image.</li> <li>You can eliminate this hot pixels by adjusting these parameter.</li> </ul>

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