



X-innovations Ltd
X-ray & image processing specialists

Ximage5

Image Acquisition, Processing and Viewing Software

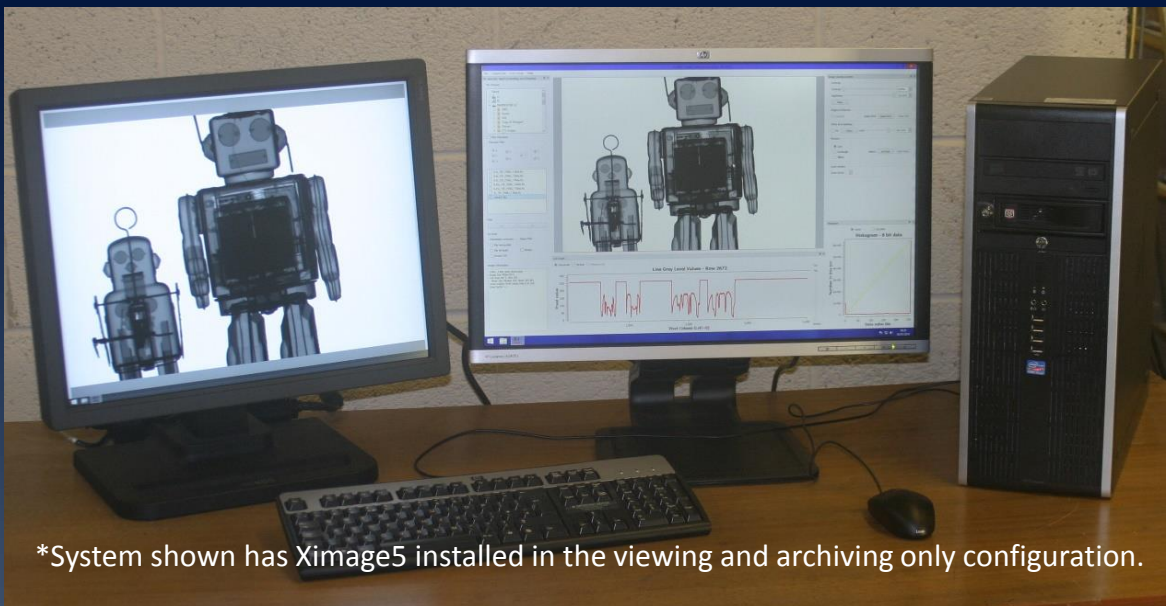
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Overview

Ximage5 is bespoke software written specifically for the acquisition, processing and viewing of X-ray images.

The software can be installed as either a viewing and archiving only utility or as a complete image acquisition, processing and viewing utility depending on the customers requirements.



*System shown has Ximage5 installed in the viewing and archiving only configuration.

Hardware

The hardware configuration is dependent on customer requirements. Separate datasheets are available for the XI-DIS Digital Imaging System (used for image acquisition) and XI-VAS Viewing and Archiving System.

The software is pre-installed on high end hardware and is supplied with a license key which is valid in the event of software updates or patches.

Ximage5 Software Features

Software runs on the latest Windows 8 operating system

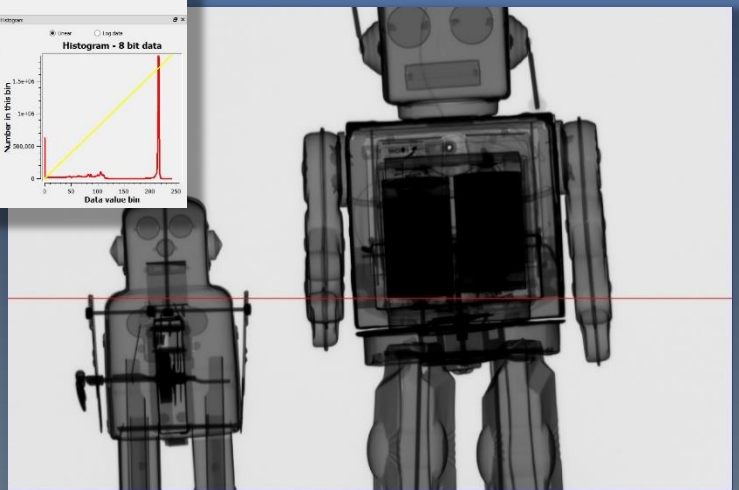
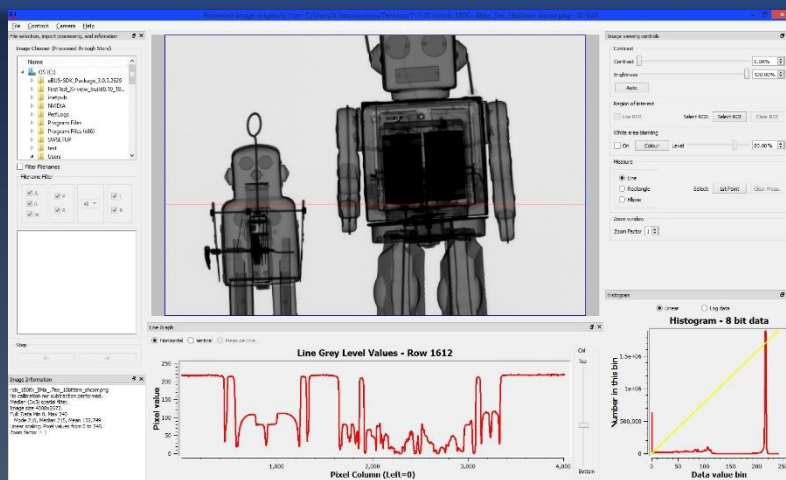
Designed to be intuitive, simple to use and touch screen compatible if required.

Image capture can be optimised between shortest exposure (minimum 12 bits) or highest quality (16 bits).

Dark image and flat field image calibration as standard.

Wide range of software tools to assist operator image evaluation.

Options for user specified semi-automatic inspection routines.



Approved radiographic techniques can be software password protected to ensure quality control.

Image review, sentencing and saving options built into the software.

Can also be integrated with object handling, x-ray exposure control and bar code object tracking.

Ximage 5 Software Tools

Ability to digitally magnify the image and display on a separate monitor. The control monitor indicates the displayed portion with respect to the entire image.

Line profile function which displays the pixel gray level between two points on a user defined line.

Histogram tool displaying pixel gray values of a user defined region of interest.

Manual and auto control of contrast and brightness.

Object measurement including line length and area, rectangular and elliptical.



Ability to mirror and rotate the images at 90 degree intervals.

Range of image processing filters including median and image polarity change.

Ability to compare a reference image to the production image.

Ability to subtract one image from another and display the difference.

White area blanking.

For all enquiries please contact:

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