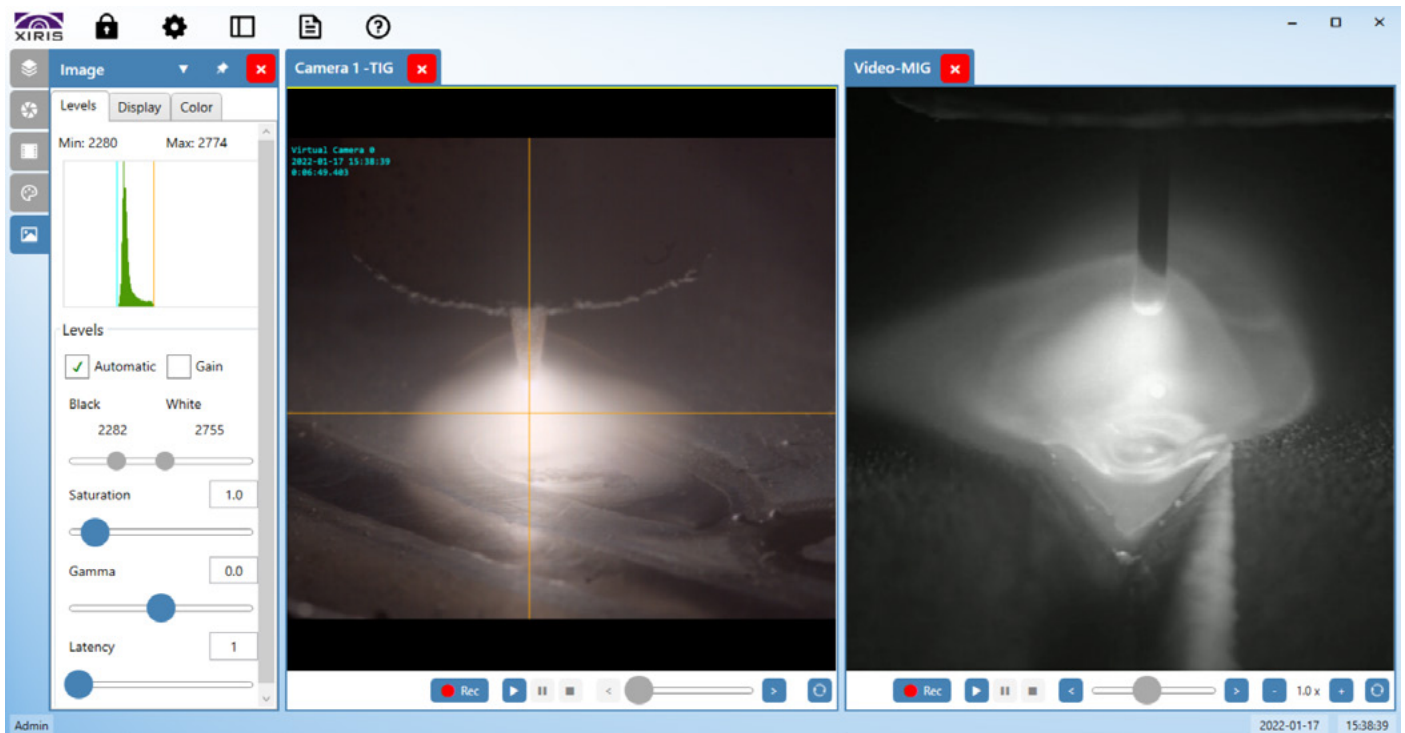


Better Images. Better Decisions. Better Process Control.

Xiris Weldstudio™ 3 is an intuitive, touchscreen-friendly software application for easy connection and use with Xiris weld cameras and accessories. Ideal for production cells, education, research, and process development, WeldStudio™ 3 can be used to remotely view, record and playback welding processes.



WeldStudio™ 3 Graphical User Interface with Touchscreen Features

Benefits

- Easy and simplified use with no need for a keyboard or mouse thanks to touchscreen-friendly controls and an improved user interface that works on any suitable HMI or computer.
- Effortless set up with the Recipe Management system that enables more than 100 multi-camera system settings to be set up, saved, and recalled.
- Loss of data and down-time due to accidental disconnections are minimized with the help of the auto-recovery feature.
- Accidental changes to settings are prevented when standardized and locked process settings are created in operator, technician or admin mode using the Permissions system.
- Welding processes can be monitored and fine-tuned, or weld training augmented with WeldMic™ and WeldStudio™ 3 audio recording and visualization features.
- Excellent visualization of the welding process with powerful image processing and pseudo-color tools to highlight contrast of features of interest.

WeldStudio™ 3 Features

Supported Xiris Products	<p>Cameras</p> <ul style="list-style-type: none"> • XVC-700/710 • XVC-1000/1100 • XVC-1000e/1100e • CellView <p>Accessories</p> <ul style="list-style-type: none"> • WeldMic™ 	Operating System	Windows 10 or later (64 Bit)
Camera Tools	<ul style="list-style-type: none"> • Rolling/Global shutter • 8/12 Bit pixel depth • Frame rate and exposure control • Picture-in-Picture (PIP) tool • AOI settings • Focus and illumination controls (for XVC-1000e/1100e cameras) 	Image Processing Controls	<ul style="list-style-type: none"> • Advanced tone mapping with Saturation, Gamma, Gain and AGC • Image Flip, Mirror, Rotate • Drag and drop windows • Digital zoom (up to 100x) • Pseudo-color tool • Image sharpening tool • Video averaging
Camera Trigger	<ul style="list-style-type: none"> • Auto-weld detection via camera photodiode, I/O or image histogram • Camera triggering using Xiris Camera Trigger Kit 	Display Overlays	Multiple crosshair types with color, position and rotation
Recording and Playback	<ul style="list-style-type: none"> • Video recording in RAW and .avi format • Video player with pause and frame stepping • Snapshot recording in .png format • Video annotation • Up to 10s pre-recording buffer 	Data Overlays	<ul style="list-style-type: none"> • Camera names • Date and time stamps • Frame number
Minimum PC Specs	CPU Intel i5 Gen8 with 4 Cores, 4.5 GHz Turbo, 8 GB RAM and 256 GB SSD. 1 Gbps Intel Ethernet port per camera with jumbo frames, two 3.1 USB ports	Display	<p>Support for up to three HD displays (<i>hardware dependent</i>)</p> <p>Configurable layouts via drag and drop windows docking system</p>

Xiris WeldStudio™ 3 Pro software license can be purchased to use advanced Machine Vision tools and features not available in WeldStudio™ 3. Xiris WeldSDK can be purchased separately to enable development of your own applications that control and interface directly with Xiris weld cameras and Machine Vision tools.

Please speak with Xiris Sales for further information.



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