

WeldWatch™ System for Education & Training

Weld Video – a valuable tool for instruction & student engagement

Visible Welding has developed weld cameras, software, goggles and systems that use video to make the weld training experience more relevant and exciting for students. The WeldWatch Video Monitoring System is a complete solution for your classroom and welding lab.

Why does your school or lab need a weld video camera & system?

- **LIVE VIEWING** – Watch high resolution live welding without a shield. This can be used for group viewing of demonstrations by an instructor and to let visitors at open houses get a view into the booth without looking over someone's shoulder or wearing a shield.
- **RECORD** – save high resolution raw video of arc-on welding. Playback for immediate review or save/export for use later.
- **REVIEW** – use the WeldWatch software to playback your most recent weld, software includes annotation capabilities for instructor to make comments when reviewing later.
- **SHARE VIDEOS** – create how-to videos to supplement your classroom instruction, post on your web site, use for remote/distance learning or have students build a video resume.

V2014-Z Ultra-Dynamic-Range™ Welding Camera & Software

The WeldWatch System is composed of the V2014-Z 10x zoom color welding camera with our proprietary WeldWatch Software.

The V2014-Z camera has Ultra Dynamic Range specially designed for live viewing of arc welding. The WeldWatch software is tightly integrated with the camera providing close control to get the maximum performance from the hardware.

WeldWatch performs extensive image processing, in real time as well as digital recording and playback of weld video and still images.



Why the WeldWatch System is the best weld camera for your school or lab

- **FULL-COLOR VIEW OF THE LIVE ARC** - We produce a full-color image with the best image of the arc and especially inside-the-arc.
- **10X ZOOM** - Our built-in 10x zoom lens, you can place the camera anywhere from 12" to 36" away from the weld and zoom right in.
- **FAST & EASY SETUP:** our portable camera with zoom and focus lets you move the camera with ease and get up and shooting in minutes.
- **NO FILTERS:** With fully electronic image handling, the V2014Z requires no filters and no special positioning of the arc; you can weld across the screen with no problem (many systems have filters that require the arc to be centered).
- **ARC FOLLOWING:** The V2014Z knows about arc-on and the lighting challenges. In addition to handling the arc light, the system can digitally pan the scene to follow the arc – no moving parts, just electronic. This allows a recording to have twice the width in a single frame.
- **PC SOFTWARE:** runs on your own desktop or laptop for portability.
- **OPTIONAL WELD-BY-CAMERA GOGGLES:** running in Low latency video allows using HDMI goggles where you can see what the camera sees.

Find out about our WeldWatch Educational Program that includes special pricing from our distributor, InterTest. www.intertest.com



Visible Welding is exploring new training and educational paradigms through a research project funded by the Navy's National Shipbuilding Research Project (NSRP).



For more information and sample weld videos:

Visit: www.VisibleWelding.com