

WELD-A SLIM

The WeldA-Slim monochrome camera combines a snapshot global shutter with an Analog output. This means that it will work fine for pulsed or sputtering welds where brightness jumps, and because it has analog output, there is no software or computer needed – just connect it to an analog monitor.

- Analog PAL (TV) video
- 12VDC power
- Directly drives analog monitor via RCA connector, no computer required
- Maximum Resolution 640 x 480
- Available in C-Mount or M12 configuration (lens sold separately)
- Manual Focus
- No filters required
- Dynamic Range 120 dB
- 3.7" L x 0.8" W x 0.8" H
- 65g



WELDWATCH® SC

The WeldWatch Slim Color C-mount camera combines a snapshot global shutter with a USB 2.0 output. It is perfect for fine pulsed or sputtering welds where brightness jumps. Computer and software required.

- Uses standard C-mount lens (sold separately)
- Manual focus and iris
- USB powered
- Connects directly to a computer, requires WeldWatch software
- Maximum Resolution 1280 x 1024
- No filters required
- Dynamic Range 140 dB
- 3.7" L x 1" W x 1" H
- 65g



WELDWATCH® SM

The WeldWatch Slim Color M-12 mount camera combines a snapshot global shutter with a USB 2.0 output. It is perfect for fine pulsed or sputtering welds where brightness jumps. Computer and software required.

- Uses standard M12 lens (sold separately)
- Manual focus and iris
- USB powered
- Connects directly to a computer, requires WeldWatch software
- Maximum Resolution 1280 x 1024
- No filters required
- Dynamic Range 140 dB
- 3.7" L x 1" W x 1" H
- 65g



VISIBLE WELDING®



WELDWATCH® Z

The Visible Welding WeldWatch Zoom Weld Camera features Ultra Dynamic Range and 10x zoom with USB 2.0 connection. The WeldWatch weld camera is specially designed for live viewing of arc welding. In addition, video and stills can be digitally recorded for analysis, email or archiving. With a dynamic-range of over 10,000,000:1, the camera can capture both arc and metal simultaneously without the use of filters.

- USB 2.0 color digital camera
- No spot filters required
- Built-in lens with 10x optical zoom
- Focus work distance from 6" to 30"
- Remote zoom, remote or auto focus
- Max resolution up to 1280 x 1024
- 30 fps at 640 x 480
- 140 dB dynamic range
- Built-in LED lamps for setup
- Max Ambient - 100°F
- Optional Air-Cooled Max Ambient - 212°F
- WeldWatch software included
- Computer required (sold separately)
- 4" L x 3" W x 2" H
- 740g



WELDWATCH® IR



The WeldWatch IR Long Wave Infrared Camera System provides a clear picture of smoky welding processes such as GMAW. Utilizing the 8 to 12 μm spectrum, the WeldWatch IR Camera provides real time video images of weld processes clearly showing arc, puddle and base metal.

- For use with smoky weld processes
- Max resolution 640 x 480
- WeldWatch software compatible
- Monochrome LWIR image
- Ethernet, RJ-45 connection
- 12 VDC power
- Built-in 35mm lens
- 70 dB dynamic range
- Motorized remote focus
- Auto exposure
- Auto iris
- Air-Cooled Max Ambient - 212°F
- No filters required
- Computer required (sold separately)
- 4" L x 3.2" W x 3" H
- 850g



The IR weld imaging technology is under exclusive license from the US Navy Research Labs

WELDWATCH® C

The Visible Welding WeldWatch C-Mount Fixed Focus Weld Camera features Ultra Dynamic Range with USB 2.0 connection. The WeldWatch® weld camera is specially designed for live viewing of arc welding. In addition, video and stills can be digitally recorded for analysis, email or archiving. With a dynamic-range of over 10,000,000:1, the camera can capture both arc and metal simultaneously without the use of filters.

- USB 2.0 color digital camera
- No spot filters required
- Max resolution up to 1280 x 1024
- 30 fps at 640 x 480
- 140 dB dynamic range
- Requires typical C-Mount Lens
 - Manual focus
 - Manual iris
 - Working distance 12" to 36"
- Uncooled Max Ambient - 100°F
- WeldWatch software included
- Computer required (sold separately)
- 1.3" L x 2.2" W x 2.2" H
- 110g



WELD-A CUBE

Introducing the smallest black and white weld camera from Visible Welding, designed specifically for tight image capture locations. WeldA Cube is the perfect choice for DC TIG, Plasma, laser, E-Beam and other constant brightness welds. Not recommended for pulse or AC welds.

- Connects directly to analog monitor via an RCA connector, no computer required
- Analog NTSC (TV) video
- 12V DC power
- Standard M-12 lens mount
- Typical lens has a manual focus and no iris
- Maximum Resolution 640 x 480
- No filters required
- 120 dB dynamic Range
- 1" L x 0.8" W x 0.8" H
- 65g

