Technical Specifications

- **Optical System:** Greenough optical system
- **Viewing Head:** Trinocular configuration with 50/50 light split.
- **Eyepieces:** WF10x / 22 mm with reticle holder.
- **ESD Protection:** Zoom body made from anti-electostatic materials.
- **Anti-Mold:** Anti-mold and airtight design.
- **Magnification:** 0.8x to 5.0x with click stops at 1x, 2x, 3x 4x and 5x.
- **Zoom Ratio:** 6.3:1
- **Working Distance:** 115 mm (4.5 in).
- **Interpupillary Adjustment:** 52 mm - 75 mm.

SV1000 Stereo Imaging System

4K DIGITAL IMAGING

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Optical Data

Auxiliary Objective	Working Distance (mm)	EYEPIECE					
		WF 10X/22		WF 15X/16		WF 20X/12.5	
		Total Magnification	Visual Field (mm)	Total Magnification	Visual Field (mm)	Total Magnification	Visual Field (mm)
	115	8-50X	27.5-4.4	12-75X	20.0-3.2	16-100X	15.6-2.5
0.5X	211	4-25X	55.0-8.8	6-37.5X	40.0-6.4	8-50X	31.2-5.0
2X	43.5	16-100X	13.8-2.2	24-150X	10.0-1.6	32-200X	7.8-1.3

CLEAR FIELD OPTICS

Contact us for an onsite or online demostration

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850.855.6450
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See the world in 4K with the SV1000 Imaging System

The SV1000 Stereo Microscope, when paired with the Exam4K Digital Microscope Camera, forms a highly effective imaging solution. This combination leverages the VistaView Imaging Software for seamless camera operation and advanced image analysis. With multiple connectivity options—including HDMI, USB, and dedicated WiFi—the system allows for 4K resolution viewing and in-depth image analysis, providing exceptional clarity and precision for a wide range of applications. Whether for professional research, education, or quality control, the SV 1000 Imaging system ensures high –quality visual performance and flexibility in data analysis.

SV1000 Stereo Imaging System

4K DIGITAL IMAGING

CLEAR FIELD OPTICS

Key Features ▶▶▶

4K High Resolution Imaging
- 3840x2140 resolution for ultra-clear images and fine detail.
- 30 FPS frame rate for smooth, real-time video capture.

Precise Measurement Capability
- Accurate measurements at every magnification setting.

111.30µm
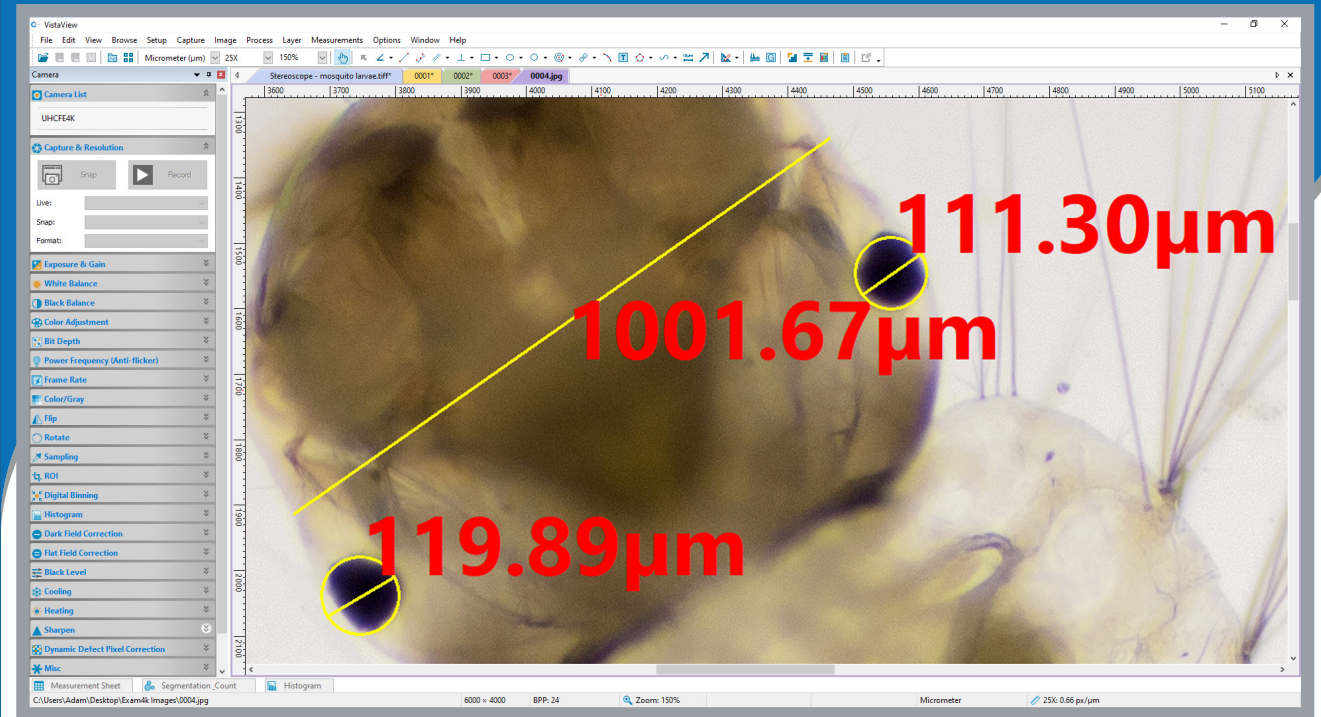1001.67µm
119.89µm

Standalone Functionality
- Operates independently via HDMI mode-no need for a computer.
- Connects directly to monitors, TV or overhead projector.
- Compatible with "Smartboard" display system
- Features include onscreen measurement, digital magnification, and side by side comparison.

Advanced Wi-Fi Connectivity
- Stream live camera feed directly to devices via the VistaView software program and wifi transmitter (included).

Wireless control
- Reduces cable clutter with wireless keyboard and mouse, and provides more streamlined workspace.

Exceptional Versatility for Every Application

Research and Development
- High Resolution imaging for precise documentation and analysis.

Education
- Interactive learning and visual demonstration with real time image display and comparison.

Quality Control
- Reliable, detailed inspection and measurement data for manufacturing, quality control, and circuit board inspection.