



## Scalar VL5 Videocamera Microscope



The VL5 device is a high-quality, handheld, battery powered video imaging system that displays polarized & non-polarized images on any TV, video monitor or video projector. The VL5 comes in two versions; choose either the 50x magnification including polarization or the 100x magnification.

**Applications:** Beauty, Hair Care and Cosmetology, Education, Mineralogy, Gemology, and Jewelry, Textiles, Coin and Stamp Collecting, Forensics, Quality Control for almost any manufactured item, including circuit boards.

*Simple...Powerful...Reliable...Cost Effective*

### Features

- Composite video output signal for conventional video devices such as TV monitors, videocassette recorders and video camcorders, or can connect to a computer through an optional video capture device.
- Easy to use “Touch and View” operation instantly focuses on objects by touching them with the camera tip.
- Lens tip is internally lit with 4 near-white LED lights.
- Extremely simple set up with a single video cable to display; highly portable handheld design using 2 AA batteries for power.
- Polarizing 50x version allows both surface and sub-surface viewing or the 100x version provides greater detail in high resolution and in full-color.

### Specifications

Magnification (14" screen): Fixed 50x with polarization switch or 100x regular light only  
Polarization: available on 50x version  
Image capture sensor: 1/3" CMOS  
Total image element: 250,000 pixels  
Output signal format: 2:1 interlace NTSC composite signal  
White Balance: Factory Preset

Color Adjustments: Factory Preset  
Operating Temperature Range: 15 to 40 degrees Celsius  
Power source: AA-size batteries x2  
Battery Duration Time:  
Nickel Metal Hydride approx. 6.5 hours  
Alkaline approx. 3 hours  
Dimensions: 29mm (W) x 176mm (L) x 34mm (H)