# Highlights

- High speed USB2.0 interface, no need external power supply
- Multiple optical magnification, 30X, 60X, 180X, plus 4X digital magnification change maximum magnification can reach 720X
- Full wave flattening optical lens, 6cm work distance, very large depth of field and no deformation and aberration
- Adopt 1.30 million pixel 1/2″ industry grade CMOS image sensor the image shown features super high signal noise ratio

- The structure is compact and flexible, very suitable for desktop operating laboratory worktable operating, and factory pipelining
- Adopt innovative patent technology --AOI, uniquely boasts the preview of high resolution image above 25f/s, can realize synchronized operation under the microscope
- Adopt the laser location technology, can locate the viewing points quickly and accurately under microscopic environment
- Light source is abundant, and upper light source, back light source, side light source are available which can be adjusted through software
- Illumination intensity can be controlled via classification to accommodate various environment application demand
- Enhanced AWB arithmetic, and the color is true and flamboyant
- One key type measurement function, can meet more professional requirements and measure length, radius, angle and area, etc

## TECHNICAL SPECIFICATIONS

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|---|---|---|---|
| **Image sensor** | 1/2" color CMOS image sensor | **Automatic exposure control** | Support automatic/manual control |
| **Size of pixel** | 5.2µm×5.2µm | **Image output** | USB2.0 High Speed, 480Mb/s |
| **Spectrum response** | 400nm～1000nm | **Dynamic scope** | 62dB |
| **Sensitivity** | 1.8V/lux-sec@550nm< | **Programming control** | Image size, image quality, brightness, plus, exposure time, contrast, saturation, definition, gamma |
| **Scan method** | Line by line scan | **Illumination control** | Laser spot location, classification control, up and down illumination |
| **Exposure method** | ERS (Electronic rolling snap) | **Work temperature** | 0°C ~ 50°C |
| **Resolution** | Professional grade, complete 1.30 million pixel, 1280×1024 | **Amplification** | 40X, 60X and 180X |
| **Transmission speed** | 16f/s@1280 X 1024 | **Accessories** | SpecimenX2, LensX2 (180X) |
| **White balance** | Support automatic/manual control | **System Requirement** | Windows 2000 / XP / Vista / Win7 |