



# Intelligent Vision Solutions

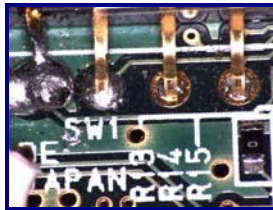
479 So. Stewart Street Suite 4 - Sonora, CA 95370 Telephone (209) 533-4783

Binocular, Trinocular and Digital Video Microscopes

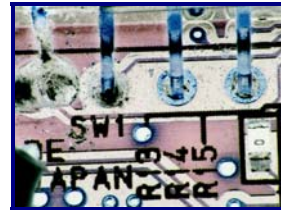


GM-1007-SDK-P (Laptop not included)

Powerful yet Economical...turn your laptop or PC Into a video inspection & documentation Workstation. Hi-speed USB 2.0 progressive scan technology and SOF-USB viewing software program kit for image capture, Digital Zoom, (independent of Optic Zoom) and feature-rich menu controls.



True Color



Reverse Imaging

## Specifications:

Signal Format:	XGA Color
Image Sensor:	1/3" USB CCD (RoHS compliant)
Maximum Frame Rate:	
- Full Scan:	29.18 fps
- 1/2 Partial Scan:	60.02 fps
- 1/4 Partial Scan:	120.35 fps
Total Picture Element:	1077(h) x 788(v)
Pixel Clock frequency:	29.5MHz
Scanning Method:	Full, Partial Scanning (1/2,1/4)
Sync System:	Internal Sync
Scanning System:	Progressive
Shutter Speed:	Auto / Manual (Software Selectable)
Minimum Illumination:	9.5Lux at F1.2
Gain:	Auto / Manual (Software Selectable)
Gamma:	Manual (Software Selectable)
Lens Mount:	CS Mount/ Adjustable Varifocal
White Balance:	Auto / Manual / One-Shot
Video Output:	USB 2.0 High Speed
Shock Vibration:	Vibration:10G (20 to 200Hz)
Power	
-Input Voltage:	+5 V through USB port
-Consumption:	500mA

## Systems Features:

FOV:	Infinity down to 0.14" sq.
DOF:	6" deep at lower mag range
Magnification Ranges:	Optically Zoom to 90x (standard)
Digital Zoom Range:	8x Independent of vision settings
Working Distance	6" to 16" from lens to subject
Light Source	LED, Fluorescent or Fiber Optic ring light

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