9 Megapixel Capture at 10 fps
with
Exceptional Image Quality

(Lens not included)

- **3844 x 2616 8-bit capture @ 9.7 fps**
- **1280 x 1024 @ 30 fps**
- **640 x 480 @ 89 fps**
- **8 or 12 bits per pixel**
- **Compact Camera Head**
- **PIXCI® SI Digital Frame Grabber**
- **7 Foot Interface Cable (default)**
- **Infrared Cut Filter**
- **XCAP-Lite Imaging Program**
- **Camera Integration and Reset Control**
- **Sequence Capture**
- **Sequence Save (XCAP-Ltd or Std)**
- **Triggered Sequence Capture**
- **132 MB/s Burst Transfers**
- **PCI Bus: 32 or 64 bit, 3.3 or 5 volt**
- **Compatibility: Windows VISTA, XP, 2000, NT; ME, 98, 95; 32-bit DOS & LINUX**
- **RoHS Compliant**
- **$1195.00 w/XCAP-Lite Imaging Program (XCAP-Ltd or Std Optional)**

The **SILICON VIDEO® 9C10** (color) camera system offers 9 Megapixel progressive scan capture, low noise digital signaling, small size, flexible interface cable, convenient software control, the availability of extensive processing, measurement and analysis capabilities, and low cost. XCAP software provides control of all camera operations.

SENSOR BY APTINA – These camera systems are based on the MT9N001 sensor from Aptina. The MT9N001 progressive scan sensor offers both an Electronic Rolling Shutter for maximum frame rates, and a Global Reset Release Shutter for improved sharpness. Other features include windowing, column and row skip modes, snapshot mode, 12 bit dynamic range, and an active programmable array resolution of 3844H x 2616V pixels. Visit www.aptina.com for detailed sensor specifications.

ASYNCHRONOUS CAPTURE with STROBE OUTPUT – The SV9C10 camera offers Asynchronous Capture: the recording of an image (or images) in response to a trigger signal. The camera also provides a strobe output signal to synchronize an electronic flash (strobe), for bright, uniform, short duration illumination. This camera can be triggered to capture an image (or images) as might be required in product inspection, laser beam profiling, medical imaging, or any application that requires image capture at a specific time (there is a delay of one frame time between trigger and start of frame capture). The optional use of strobe illumination allows minimum exposure time with maximum image sharpness.

ONLY ONE CABLE – A single cable connects the camera head to the PIXCI® SI board. The PIXCI® SI board provides power to the camera, sends and receives camera control signals, generates the programmable pixel clock, and receives video data.
No dedicated power supply or power cable required.

CAPTURE & ADJUST DIALOG – The XCAP Imaging Application provides a Capture & Adjust Dialog for selecting pixel clock frequency, integration/exposure time, capture resolution, gain, offset, trigger control, and more. The SV9C10 color camera dialog provides automatic white balance as well as manual adjustment of Red, Green, and Blue gain.

The SILICON VIDEO® 9C10 camera systems include:

- 9 Megapixel Color Camera Head w Tripod Mount
- Adjustable Lens Mount w. Infrared Cut Filter
- Shielded Interface Cable (various lengths available)
- PIXCI SI PCI Frame Grabber
- XCAP-Lite Imaging Program (XCAP-Ltd or Std Optional)

To complete the system add 1/2" format C-Mount lens, analysis software, lighting, and computer – all available from EPIX, Inc., or from your authorized EPIX, Inc. distributor.