



Capture SE has a menu system similar to most Windows applications, making it easy to navigate.

The Standard toolbar contains standard functions such as New, Open, Save and Print.

The Image Processing toolbar allows you to make changes to both streaming video and captured images that alter the way images are displayed and rendered.

The Imaging control Panel groups all the controls used in the image capture process together. It contains 5 sub-panels; Capture Control, Time Lapse Imaging, Camera Control, Image Orientation and Capture Options. Combined, these sub-panels contain powerful tools and functions needed to capture images in microscopy applications.

The Image Measurement toolbar provides a rich set of tools used to take measurements of elements within a captured image, and saves both image and measurement data together.

The Annotation toolbar provides all the tools necessary to markup images with comments, shapes and diagrams for collaborative purposes.

The Live Preview window displays either a captured image or video stream from your PixelINK camera.

Image Tabs provide a convenient method of switching between captured images or the video stream.

The Histogram window displays the dynamic range for either the video stream or the active captured image.

The Help Desk window provides information on all the tools in Capture SE that require more than a single mouse click.

The Database window displays a list of all the images added to the built-in database in Capture SE. This database facilitates the archiving and retrieval of captured images.

The Measurement Results window holds and displays the measured parameters for the selected image.

**Includes PixelINK Capture SE Microscopy Software**

→ capture, save, annotate and measure still images

**Image Pro Plus Compatible**

→ easily integrates with Image Pro Plus 6

**USB 2.0 Interface**

- user friendly plug-and-play integration
- eliminate costly frame grabbers and simplify cabling

**1.4 and 2.0 Megapixel CCD Sensors**

- 12-bit output provides outstanding image quality
- ideal for brightfield to fluorescence applications

Camera Model >	PL-B871CU	PL-B871MU	PL-B872CU	PL-B872MU	PL-B873CU	PL-B873MU
<b>Camera Specifications</b>						
Color / Mono	Color	Mono	Color	Mono	Color	Mono
Resolution	1392 x 1040	1392 x 1040	1392 x 1040	1392 x 1040	1600 x 1200	1600 x 1200
Frame Rate at Full Res.	10	10	15	15	15	15
Sensor Type	ILT CCD	ILT CCD	ILT CCD	ILT CCD	ILT CCD	ILT CCD
Lens Format	C 1/2"	C 1/2"	C 2/3"	C 2/3"	C 1/1.8"	C 1/1.8"
Pixel Pitch	4.65 µm	4.65 µm	6.45 µm	6.45 µm	4.4 µm	4.4 µm
Sensor Diagonal	8.08 mm	8.08 mm	11.21 mm	11.21 mm	8.80 mm	8.80 mm
Bit Depth	8 or 12	8 or 12	8 or 12	8 or 12	8 or 12	8 or 12
Dynamic Range	60.2dB	62.1dB	63.7dB	66.1dB	48.4dB	51.2dB
Shutter Type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Interface (USB)	4 pins x 1	4 pins x 1	4 pins x 1	4 pins x 1	4 pins x 1	4 pins x 1

Frame rates will vary based on host system variables and configuration

Features						
Gain, Frame Rate	•	•	•	•	•	•
Auto White Balance	•	•	•	•	•	•
Continuous Auto Exposure	•	•	•	•	•	•
Averaging	•	•	•	•	•	•
Gamma	•	•	•	•	•	•
Saturation	•	•	•	•	•	•
Color Temperature	•	•	•	•	•	•
Time Lapse Capture	•	•	•	•	•	•

Software						
PixelINK Capture SE	Included	Included	Included	Included	Included	Included
SDK	Optional	Optional	Optional	Optional	Optional	Optional
TWAIN Compatible	•	•	•	•	•	•
DirectShow Compatible	•	•	•	•	•	•
Image Pro Plus Compatible	•	•	•	•	•	•

