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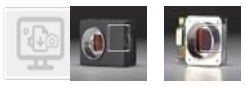
Pixelink µScope Professional Microscopy Software



Stock **#89-851** **1 In Stock**

- 1 + **S$2,114**.00

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Qty 1+	**S$2,114.00** each
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General

Type:

Camera Accessory

Regulatory Compliance

RoHS 2015:

Compliant

Reach 224:

Compliant

View	**Certificate of Conformance:**

Product Details

#89-851	
Software Specifications	µScope Pro
PixeLINK® API Control	☐
Line Profiling: Single, Multiple, Parallel and Polyline Commands Provide Gray/Red/Green/Blue Intensity Values for Specific Lines within an Image. The Profile Data of Each Pixel on the Line Can Be Exported to Microsoft® Excel®.	☐
Multiple Image File Formats: jpg, jpeg, tif, tiff, bmp, gif, pcx, tga, mpg, mpeg, avi, mov, img, rpt, txt	☐
Overlay: Crosshair, Grid Mask, Image, Marker	☐
Image: Mode Change, Clone, Crop, ROI, Resize, Rotate	☐
Zoom Control: 100 - 1600% and Fit to Window Options	☐
Annotation: Line, Arrow, Polyline, Spline, Rectangle, Ellipse, Text	☐
Image Sequence Control	☐
Image Editing: Undo, Redo, Copy, Paste, Paste New, Delete, Delete All, Annotate, Image Information	☐
Multiple Window Configurations	☐
Export to Excel®: Images with Measurement, Calibration, Annotations, Measurement Data, Statistics, and Chart	☐
Measurement Parameters: Area, Max Length, Line Length, Center x and y, Angle	☐
Live Measurement and Overlay: Perform Measurements on the Live Preview Image, Using the Crosshair or Grid Masks to Center and Count. The Grid Masks include Calibration Data.	☐
Dynamic User Interface	☐
Manual Calibration	☐
Report Generator: Create, Insert Images and OLE Objects	☐
Manual Measurement Tools: 3-Point Circle Functionality, npoint Circle Measurement Functionality, Parallel Line Distance Measurement, Perpendicular Distance Measurement and Object Distance Measurement, Zoom-In Window	☐
Time Lapse Capture and Movie File Production with Crosshair on Live Preview	☐
Calibration Marker (Scale Bar) Can Be Placed on the Live Preview Image and Burned in Automatically	☐
Multiple ROI: Shapes and Copy, Paste, Crop ROI	☐
Image Processing: manual brightness, contrast, gamma, background subtraction, histogram, clone, crop, ROI, resize, rotate, split, image mode change, grayscale, RGB, HSB, YUV pseudo color view	☐
Auto and Semi-Auto Calibration	☐
Profile: Straight line, Polyline, Parallel Line, Select and Change	☐
Image Stitching	☐
Z-axis Extended Focus Imaging with Displacement Compensation	☐
3D Visualization to Clearly View Complex Structures	☐
Auto Trace Using Automatic Edge Detection	☐
Fluorescent Image Composition	☐
Fast and Perfect Focus Enhancement	☐
Shading Correction	☐
Reflected Light Subtraction	☐

- Resolutions Up to 20MP
- Sensor Sizes from 1/2.5" to 1.1"
- Right Angle Housing and Board Level Configurations Available

Pixelink® USB 3.0 Cameras are high resolution and high-speed solutions to applications ranging from biometrics to surveillance. Pixelink® USB 3.0 Cameras feature resolutions of up to 20MP, frame rates of up to 170fps, and USB 3.0 compatibility for power and high data throughput. The right angle housing configurations also feature a GPIO to enable triggering to ease system integration. Pixelink® USB 3.0 Cameras also compatible with sensor sizes ranging from 1/2.5" to 1.1" and are ideal for inspecting weld and PCB and flat panel displays. These cameras are available in monochrome or color.

Note: Mounting Adapters are only designed for enclosed camera models, and not board-level. If your camera ends in "-BL", it does not have a compatible mount.

Pixelink Capture is a free, user-friendly application included with all Pixelink cameras, offering real-time image and video capture through an intuitive graphical interface. In contrast, the Pixelink SDK is a comprehensive development toolkit for Windows and Linux that enables developers to build custom applications with full camera control via C/C++, .NET, or Python. The SDK is available as a trial download, allowing users to evaluate its capabilities before purchasing a license. Links to software downloads (SDK and Capture) are available on the product pages.

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