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Pixelink μ Scope Professional Microscopy Software



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

1 **A\$2,416⁰⁰**

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Volume Pricing

Qty 1+	A\$2,416.00 each
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General

Camera Accessory **Type:**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[Compliant](#) **Reach 224:**

Product Details

#89-851	μScope Pro
Software Specifications	
PixelINK® API Control	<input type="checkbox"/>
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®.	<input type="checkbox"/>
Multiple Image File Formats: jpg, jpeg, tif, tiff, bmp, gif, pcx, tga, mpg, mpeg, avi, mov, img, rpt, txt	<input type="checkbox"/>
Overlay: Crosshair, Grid Mask, Image, Marker	<input type="checkbox"/>
Image: Mode Change, Clone, Crop, ROI, Resize, Rotate	<input type="checkbox"/>
Zoom Control: 100 - 1600% and Fit to Window Options	<input type="checkbox"/>
Annotation: Line, Arrow, Polyline, Spline, Rectangle, Ellipse, Text	<input type="checkbox"/>
Image Sequence Control	<input type="checkbox"/>
Image Editing: Undo, Redo, Copy, Paste, Paste New, Delete, Delete All, Annotate, Image Information	<input type="checkbox"/>
Multiple Window Configurations	<input type="checkbox"/>
Export to Excel®: Images with Measurement, Calibration, Annotations, Measurement Data, Statistics, and Chart	<input type="checkbox"/>
Measurement Parameters: Area, Max Length, Line Length, Center x and y, Angle	<input type="checkbox"/>
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.	<input type="checkbox"/>
Dynamic User Interface	<input type="checkbox"/>
Manual Calibration	<input type="checkbox"/>
Report Generator: Create, Insert Images and OLE Objects	<input type="checkbox"/>
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	<input type="checkbox"/>
Time Lapse Capture and Movie File Production with Crosshair on Live Preview	<input type="checkbox"/>
Calibration Marker (Scale Bar) Can Be Placed on the Live Preview Image and Burned in Automatically	<input type="checkbox"/>
Multiple ROI: Shapes and Copy, Paste, Crop ROI	<input type="checkbox"/>
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	<input type="checkbox"/>
Auto and Semi-Auto Calibration	<input type="checkbox"/>
Profile: Straight line, Polyline, Parallel Line, Select and Change	<input type="checkbox"/>
Image Stitching	<input type="checkbox"/>
Z-axis Extended Focus Imaging with Displacement Compensation	<input type="checkbox"/>
3D Visualization to Clearly View Complex Structures	<input type="checkbox"/>
Auto Trace Using Automatic Edge Detection	<input type="checkbox"/>
Fluorescent Image Composition	<input type="checkbox"/>
Fast and Perfect Focus Enhancement	<input type="checkbox"/>
Shading Correction	<input type="checkbox"/>
Reflected Light Subtraction	<input type="checkbox"/>

- 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.