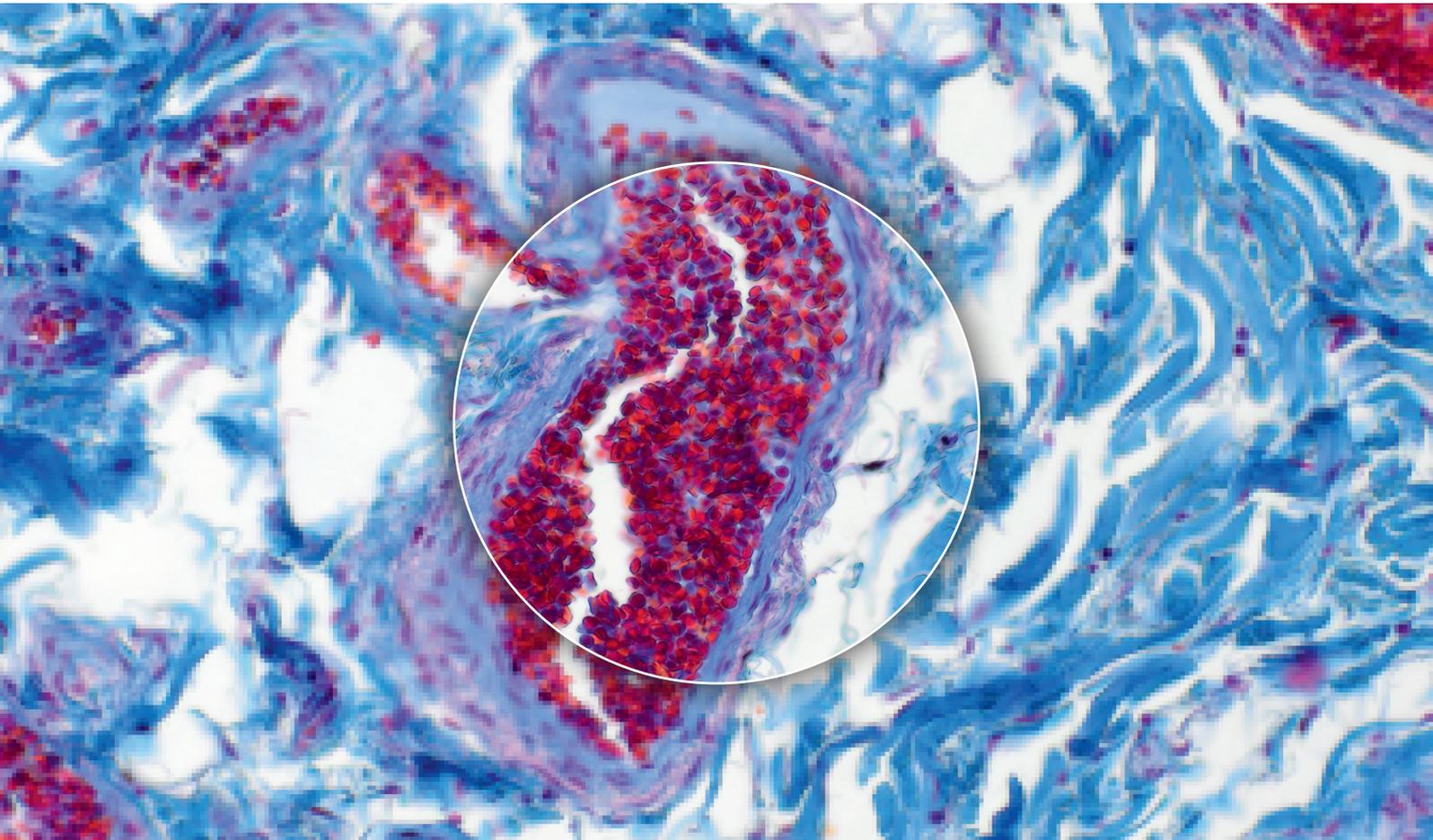


Olympus 4K Microscopy

The New Way of Working



See more. Show more. Save time.

Olympus 4K Microscopy is designed to properly capture the quality of the microscope optics in snapshots, while making your workflow faster and easier everyday.

Olympus 4K Microscopy – The New Way of Working

4K Live Image

Simply More on All Fronts

Take advantage of modern 4K displays and projectors to work on a bigger and more detailed Live Image. Use it to efficiently discuss with your colleagues without losing time to share the oculars.

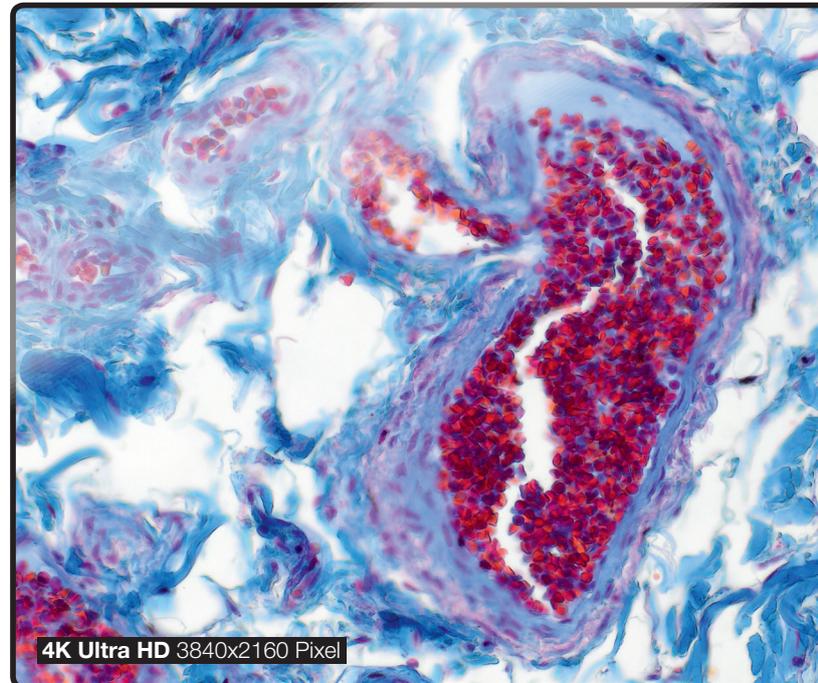


Wide Capture



Capture More of What You See at the Oculars

Using dedicated combinations of camera adapters and oculars you can now capture a bigger part of your sample, without the need to switch to a lower magnification. The UC90 Wide Capture configuration will speed up your work with bigger images, especially useful when capturing panoramic images.



Fast Live

Never Slow down Your Workflow

With dark samples or challenging illumination conditions exposure times are higher and the Live image becomes slow and confused. In those cases the Fast Live feature automatically steps in to provide a clear image which you can use to pan-and-focus with no slow-downs.

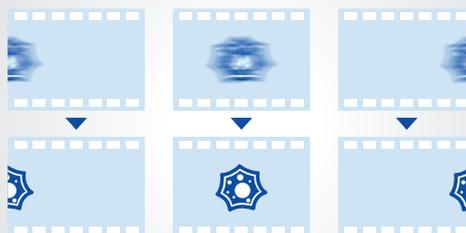
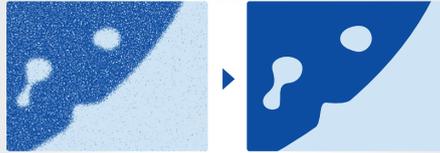
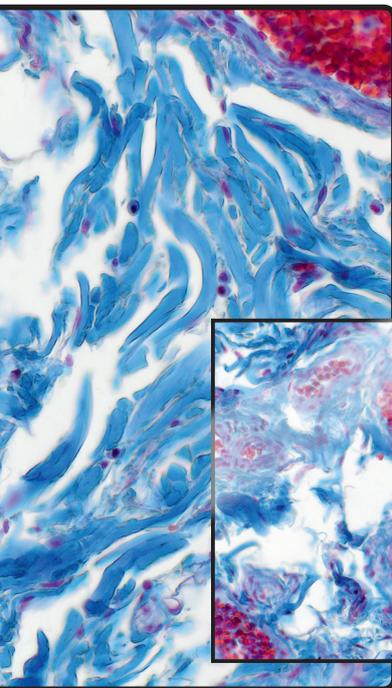


Image Noise Removal



Don't Let Image Noise Spoil Your Snapshot

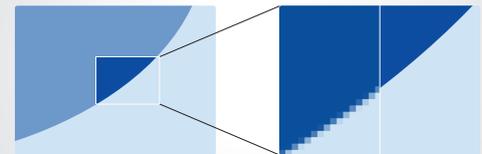
Effortlessly produce noise-free images, especially important when you need to enlarge details or ensure publication-ready quality. The Olympus OSIA image noise removal works automatically and in real-time so it can be simply left on to enjoy crystal clear images.



It starts with a 4K image but goes further, it is the new way of working at the microscope.

Full HD 1920x1080 Pixel

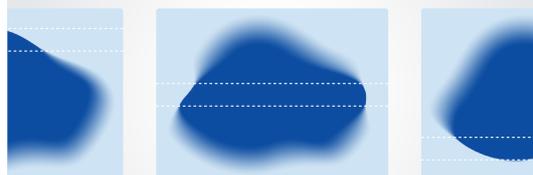
High Resolution



More Pixels, Just One Click

When more pixels are available there is no need to spend time changing magnifications. A single snapshot can overview your sample and contain enough details to zoom-in to the structures needed for your application.

Focus Peaking



Know If Your Sample Is Really in Focus

Losing time to ensure sharp details on the snapshot? Is it difficult to judge on the monitor if what you need is actually in focus? Focus Peaking clearly indicates with a defined color which part of the sample are in focus. It works in real-time and on the Live image, so you can select exactly what you need before taking the snapshot.

Olympus 4K Microscopy – The New Way of Working

4K Microscopy

The following camera models provide different combinations of 4K Microscopy features, allowing an efficient match with your application and imaging needs.

Camera	 UC90	 SC180	 SC50
4K Live Image	•	•	–
Image Noise Removal	•	•	•
Wide Capture	•	–	–
High Resolution	•	•	–
Fast Live	•	•	•
Focus Peaking	•	•	•

Technical Information

Max. Resolution (pixels)	3384 x 2708	4912 x 3684	2560 x 1920
Live Image Speed (fps)	26 (4K UHD)	25 (4K UHD)	32 (Full HD)
Camera Interface	USB 3.0	USB 3.0	USB 3.0
Real-time color profiling	•	•	•

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