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Related Technical Information

- PC Specifications for sCMOS
- PIV Mode for Neo and Zyla
- Binning in the Neo and Zyla sCMOS cameras

Suitable Research Applications

- Double-helix and super-resolution
- Novel insights into cell nucleus
- STORM

Associated Multimedia

- 4D Microscopy in Biology
- Camera Technologies for Astronomy
- Camera Technologies for Microscopy

Zyla 4.2 sCMOS

Offering the highest QE available from sCMOS technology, coupled with extremely low read noise, 100 fps frame rate and ultra low fan vibration, Zyla 4.2 is ideal for applications such as ion signalling microscopy, light sheet microscopy, super-resolution microscopy and TIRF.

- **Zyla for the Biologist** - [Click here](#) to learn more
- **Zyla for the Physicist** - [Click here](#) to learn more

- 72% QE
- 4.2 Megapixel
- 0.9 e⁻ read noise
- 0.14 e⁻ darkcurrent
- 100 fps



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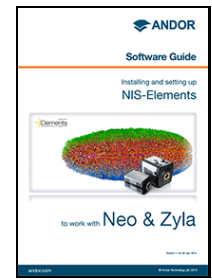
Product Portfolio



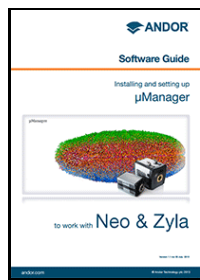
Andor sCMOS Brochure



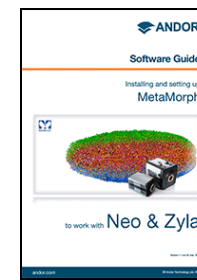
Astronomy Brochure



NIS Elements Software Guide



µManager Software Guide



Metamorph Software Guide

“ In comparisons, Andor’s sCMOS camera showed lowest dark noise, biggest field of view and fastest frame rate. ”

Dr. Yan Gu
National Institute for Medical Research



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- Scientific Cameras
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