



WOE Newsletter Feb 2017 #2

This issue will share with you about scientific cameras and their updates.

Scientific Cameras Introduction

New product - Very Large area CCD camera

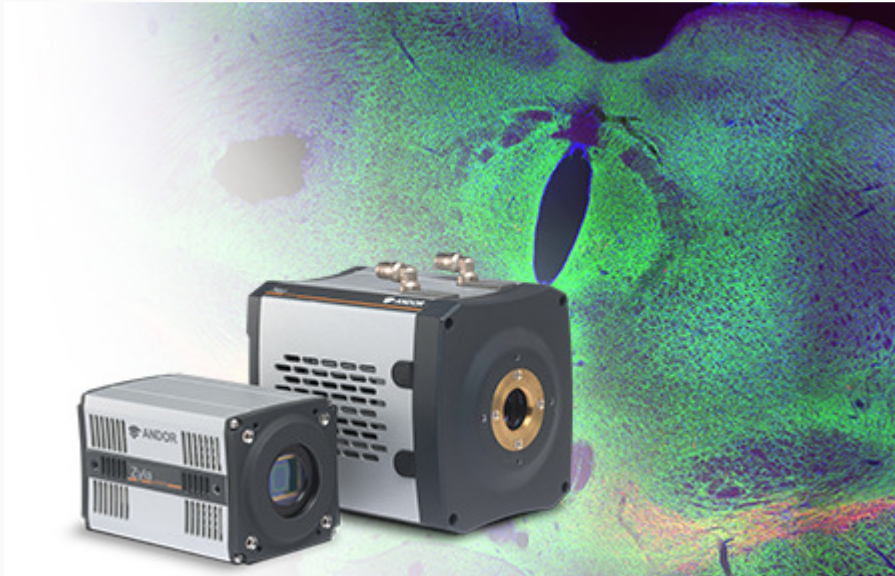


Andor's **NEW** iKon-XL is a TE-cooled, very large area CCD camera platform, accommodating big field of view sensors that are ideally suited to long exposure astronomy applications.

Model	Active Pixels	Cooling	Pixel Size	QE	Read Noise
iKon-XL 231	4096 x 4112	-100	15 x 15	> 90%	2.1
iKon-XL 230	4096 x 4112	-100	15 x 15	> 90%	4.5

For more information, [CLICK HERE](#)

sCMOS Cameras



Scientific CMOS (sCMOS) is a breakthrough technology that offers an advanced set of performance features that render it ideal to high fidelity, quantitative scientific measurement.

Model	Active Pixels	Cooling	Frame Rate	QE
Neo 5.5 sCMOS	2560 x 2160	-40	30	60%
Zyla 5.5 sCMOS	2560 x 2160	0	100 (40 USB 3.0)	60%
Zyla 4.2 PLUS sCMOS	2048 x 2048	0	100 (53 USB 3.0)	82%

For more information, [CLICK HERE](#)

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