

# SBIG STXL- 6303E CCD Camera Specifications

<b>A/D Converter</b>	16 bits
<b>Adaptive Optics Option</b>	Y
<b>Antiblooming</b>	n
<b>CCD Size</b>	27.65 mm x 18.48 mm
<b>Computer Interface</b>	USB2 /Ethernet
<b>Cooling Delta</b>	60 °C
<b>Dark Current e/p/s at 0 C</b>	0.5 e-/p/s typical
<b>Exposure</b>	0.12-3600 sec
<b>Filter Size</b>	50mm Round
<b>Filter Wheel Option</b>	y
<b>Full Frame Download</b>	4 sec
<b>Full Well Capacity</b>	100,000 e-
<b>Imaging CCD</b>	KAF-6303E

<b>Imaging / Pixel Array</b>	3072 px x 2048 px
<b>Internal Tracking CCD</b>	n
<b>OAG Option</b>	n
<b>OS Compatibility</b>	Windows 32 and 64 bit OS, Mac
<b>Peak QE</b>	68
<b>Pixel Digitization Rate</b>	1.8 MHz
<b>Pixel Size</b>	9 $\mu\text{m}$
<b>Power</b>	12 VDC
<b>Power Cable</b>	US, European
<b>Read Noise</b>	11 e-
<b>Remote Guide Head</b>	y
<b>Self-Guiding Filter Wheel</b>	y
<b>Shutter</b>	Mechanical, Even-illumination
<b>Temperature Regulation</b>	y
<b>Total Pixels</b>	6.3 million pixels

<b>Weight</b>	5.2 lbs
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