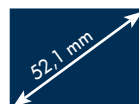


# Zeus 16803 Camera

The new Zeus line is both performance and feature rich. Several new innovations have been designed into this professional camera line such as a full frame image buffer which allows you to start the next image while the previous image is downloading, multiple A/D channels which allow for uninterrupted communication with its accessories, variable speed fan control and an even illumination shutter. Camera have a USB 2.0 and Ethernet connection. Color filter wheel and adaptive optics are available.



Imaging area of CCD

## Zeus 16803 Camera Specification

CCD Kodak KAF-16803	Kodak KAF-9000
Array Size 4096 x 4096	3056 x 3056
Pixel Size 9 x 9 microns	12 x 12 microns
Read Noise (typical)	9 e <sup>-</sup>
Linear Full Well (typical)	110,000 e <sup>-</sup>
Dynamic Range (typical)	80 dB
PC Interface	USB 2.0 or Ethernet
Digitization Rate	1.8 MHz
Cooling (typical)	Max delta -50 °C
Dark Current (typical)	0.08 e <sup>-</sup> /pixel/sec @ -10 °C
Ethernet Speed	10/100 Mbps

## Quantum Efficiency KAF-16803

