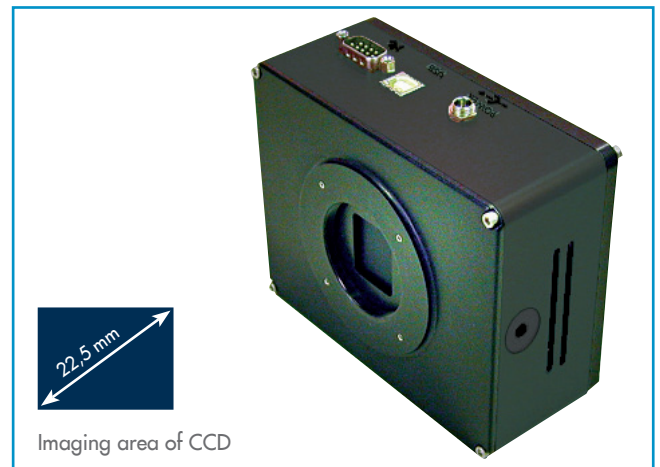


Hermes 8300M Camera

The Hermes-8300 comes in both Monochrome and Color and is based on Kodak's KAF-8300 full frame CCD. The CCD has both anti-blooming and microlens technology to improve the Quantum Efficiency of the sensor. As a result it can be used in a wide variety of applications. The camera electronics computer interface is USB 2.0 for fast image download and rapid focus mode. The small, light body accepts both c-mount and standard 35 mm Nikon camera lenses. A built-in shutter is included for automatic dark frames.



Hermes 8300M Camera Specification

CCD	KAF-8300 or KAF-8300CE
Array Size	3352 x 2532
Pixel Size	5.4 x 5.4 microns
Read Noise (typical)	9.3 e ⁻
Linear Full Well (typical)	25,500 e ⁻
Dynamic Range (typical)	68.3 dB
PC Interface	USB 2.0
Digitization Rate	10 MHz (16 bit)
Cooling (typical)	Max delta -40 °C
Dark Current (typical)	0.02 e ⁻ /pixel/sec @ -15 °C

Quantum Efficiency KAF-8300

