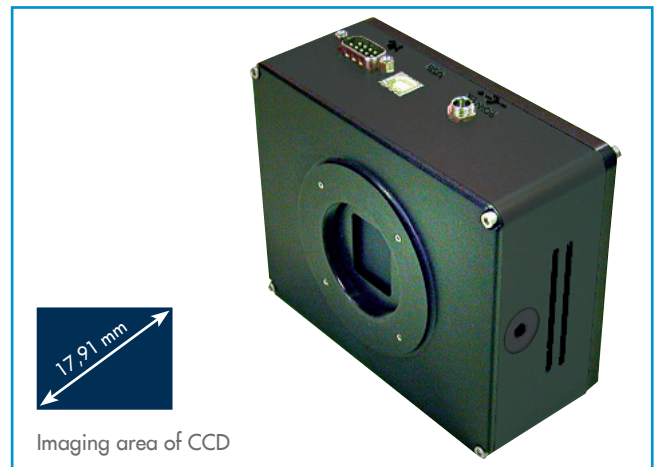


# Hermes 3200 Camera

The Hermes-3200 is built on the same light body and electronics as the Hermes-402 and Hermes-1603. However, the Kodak KAF-3200ME CCD has more than 8X the number of pixels. The Hermes-3200 has a relatively high Quantum Efficiency peaking at roughly 85%. Its small pixels (6.8 microns) also make it an ideal camera for industrial and life science applications. The computer interface is USB 2.0, with a transfer rate of approximately 1.1 Mps. A regulated power supply is built into the Hermes-3200 camera so it can be operated from any 12VDC source.



Hermes 3200 Camera Specification	
CCD	Kodak KAF-3200ME
Array Size	2184 x 1472
Pixel Size	6.8 x 6.8 microns
Read Noise (typical)	10 e <sup>-</sup>
Linear Full Well (typical)	50,000 e <sup>-</sup> / 75,000 e <sup>-</sup>
PC Interface	USB 2.0
Digitization Rate	1.8 MHz
Cooling (typical)	Max delta -30 °C
Dark Current (typical)	<1 e <sup>-</sup> /pixel/sec @ 0 °C

## Quantum Efficiency KAF-3200ME

