Apollo 3200 Camera

The Apollo-3200 is built on the same light body and electronics as the Apollo-8300 and Apollo-1603. 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 Apollo-3200 camera so it can be operated from any 12 VDC source.

Imaging area of CCD

Apollo 3200 Camera Specification	
CCD	Kodak KAF-3200ME
Array size	2184 x 1510
Pixel size	6.8 x 6.8 microns
Read noise (typical)	10 e^-
Linear full well (typical)	55,000 e^-
PC interface	USB 2.0 and Ethernet
Digitization rate	8.3 MHz
Full frame rate	1.3 fps
Cooling (typical)	Delta -55 °C
Dark current (typical)	0.06 e^-/pixel/sec

Quantum Efficiency KAF-3200ME