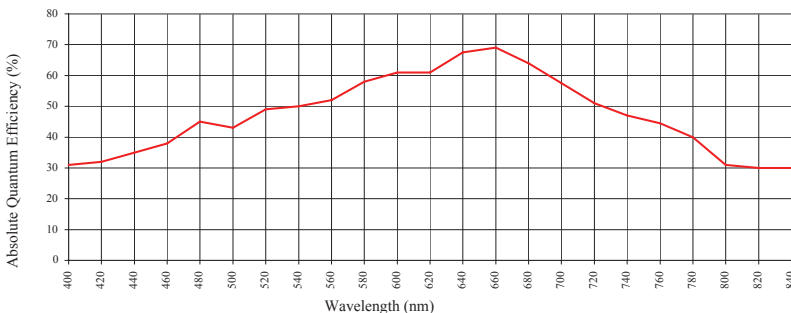
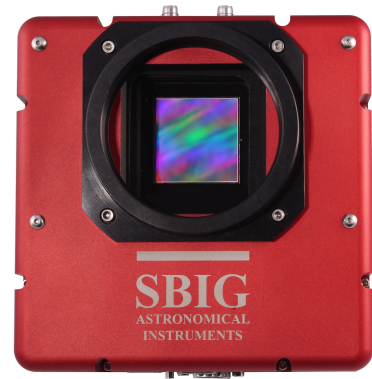


STX-16801

- KAF-16801 Non Anti Blooming CCD
 - 4096 x 4096 array, 9 x 9 micron pixels
 - 1.8 MHz 16-bit digitization
 - USB 2.0 interface & 10/100 Ethernet
 - Full Frame Image Buffer
 - TEC Forced Air Cooling
 - Water Circulation Ready
 - Programmable cooling to 50°C below ambient $\pm 0.1^\circ\text{C}$
 - Programmable fan speed for low / zero vibration
 - Field upgradeable firmware
 - Fused silica windows
 - Runs from single 12V supply with voltage monitor
 - Precision time delayed integration (TDI)
 - TTL port within 500 microseconds of rising edge of trigger
 - Fused silica window
 - Dark Current, (typical) $<0.1 \text{ e-}/\text{pixel}/\text{sec}$ (-25°C).
 - System Noise, (typical) 9 e- RMS at 1.8 MHz
 - Shutter, Even Illumination
-
- Optional AO-X Adaptive Optics
 - Optional Self tracking unit
 - Optional 7 position 50mm Square filter wheel
 - Optional Secondary Tracking Camera

- Astronomical Wide field Survey
- Photometry
- Radiography
- Optical testing
- Panel Inspection



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