

STX-16803

The STX Series represents a robust imaging system. The integrated design allows the user to select either Ethernet or high-speed USB 2.0 connection to the control computer. The STX-16803 uses Kodak's KAF-16803 CCD with 16 million pixels at 9 microns. The sensor measures almost 37mm square. The STX series has superior cooling to -50 degrees C below ambient with air only. Water cooling is also possible. STX cameras can be operated AC or directly from an unregulated 12VDC source.



Optional Accessories



*FW7-STX 7-Position Filter Wheel.
Holds seven 50mm square filters.*



The A0-X is a large aperture tip-tilt guiding accessory



Remote Guide Head



*STX Guider for
FW7 filter wheel*

- 16 Megapixel KAF-16803 CCD with High QE and ABG
- 4096 x 4096 pixels at 9u
- Both Ethernet and USB 2.0 interface
- 12VDC Operation (Operates from 9 - 14VDC)
- Full Frame Image Buffer
- Internal and External Self-Guiding (with Remote Head)
- Adaptive Optics Control with External Remote Guide Head or STX Guider
- -50 degrees C Delta with air cooling
- Water cooling ready
- Even Illumination Mechanical Shutter
- User Rechargeable Desiccant Plug
- Variable Speed Fan Control
- Opto-isolated Relays for Telescope Control
- Tracking Relay LED Indicators
- Power Management with LED Indicators

