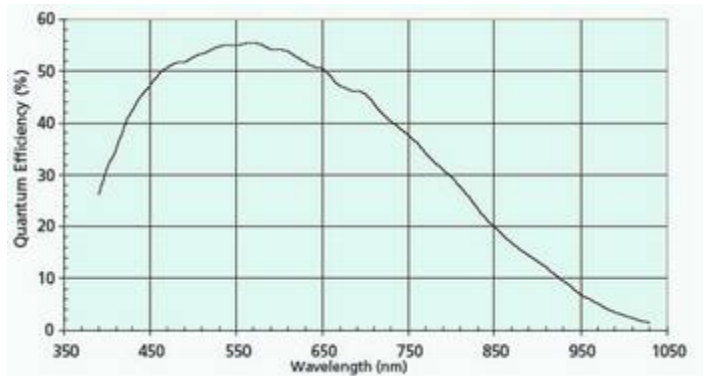




PL-131C COOLAIR



HIGH SPEED 1.3MP COOLED VIDEO / SINGLE-SHOT CAMERA

Hardware ROI & Gain. Frame rate: 22fps 1280x1024, 80fps 640x480, 220fps 320x240 max

The PL-131C COOLAIR is a USB2.0 high-speed 1.3 mega-pixel colour camera that is sensitive and can be used to capture images of the planets, Sun and Moon. The camera is very easy to use and provides a quality, low noise solution for viewing or capturing high quality digital video from the telescope and recording it to your computer.

The PL131C is ideal for planetary, Solar and Lunar imaging due to a hardware user definable ROI and high frame speeds of up to 220fps, easily outperforming much more expensive cameras.

- 1/2" colour sensor, no IR filter
 - Low noise: air-cooled fan-assist
 - 1280 x 1024 real resolution
 - 220fps @ 320x240 max
 - 80fps @ 640x480 max
 - 22fps @ 1280x1024 max
 - Max exposure time: 10 seconds (native mode)
 - USB 2.0 Powered
 - Ideal for planetary/Solar/lunar imaging
 - Hardware gain
 - Binning: hardware 2x2 binning, 4x4 h/s
 - Hardware ROI, 640x480 & 320x240
 - Auto-guide capability (via GPUSB)
 - C-mount & 1.25" adapters included
 - Windows XP / Vista / 7
- Bundled Software (max 10s exposure)
 - PHD Guiding (PL native, 10s exp.)
 - Nebulosity Lite
 - Plug-in for MaxIm DL
 - Plug-in for AstroArt
 - Also included (DirectShow/WDM):
 - Craterlet
 - Guidemaster
 - AMCAP
 - Box contents:
 - PL131C CoolAir camera
 - C adapter & 1.25" nosepiece
 - In-situ USB2.0 cable
 - CD
 - Setup guide



The Opticstar hand-selected hi-grade A+ sensor installed in this camera is noted for its uniform surface response and low noise required for low light applications