

Photon Counting USB X-RAY CCD cameras

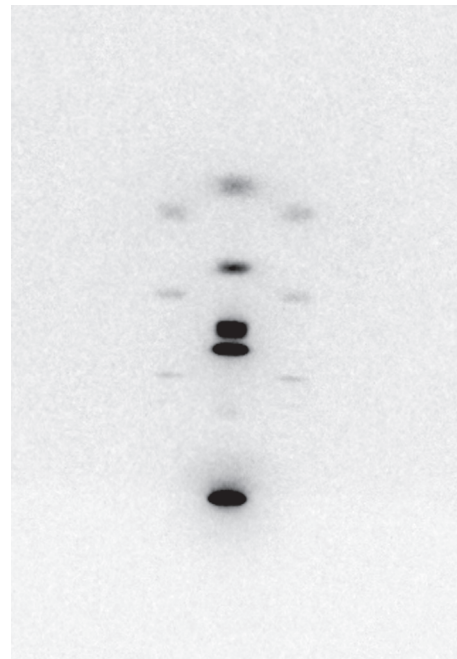
PSL is introducing a new range of user-friendly, high resolution, USB 2.0 X-ray CCD cameras specially designed for easy integration into laboratory and/or beamline set up.

The cameras are available with scientific grade CCDs ranging from 4 to 16 megapixels resolution.

The selection of CCDs with semi-transparent electrodes enables Quantum Efficiency in excess of 60% to be achieved at the phosphor emission wavelength.

Combined with proven fibre optic coupling – single straight to multi-tapered configurations – these cameras will cover a vast number of applications from diffraction enhanced and phase contrast imaging up to classic diffraction work: powder, small molecule and protein, GISAXS and SAXS/WAXS.

- ▶ 2 inch square CCD with 65% QE
- ▶ Single fibre coupling with 1:1 up to 150mm tapered input
- ▶ Custom scintillator deposition
- ▶ USB 2.0 interface
- ▶ Air cooled configuration
- ▶ Complete SDK for camera control



GISAXS of lipid membrane deposited onto silicon substrate