

VATT Spectrograph

STA0520A CCD
2688×512 pixels, 15 microns
ITL Serial Number 8228
Detector operating temperature -110C
Gain = 1.3 e/DN with setting 10
Gain = 2.6 e/DN with setting 5
For both gains the full well is ADC limited (65k DN), so this is 85,000 or 170,000 electrons.
Noise is 3.4 electrons (3.2 in overscan region)

Documentation

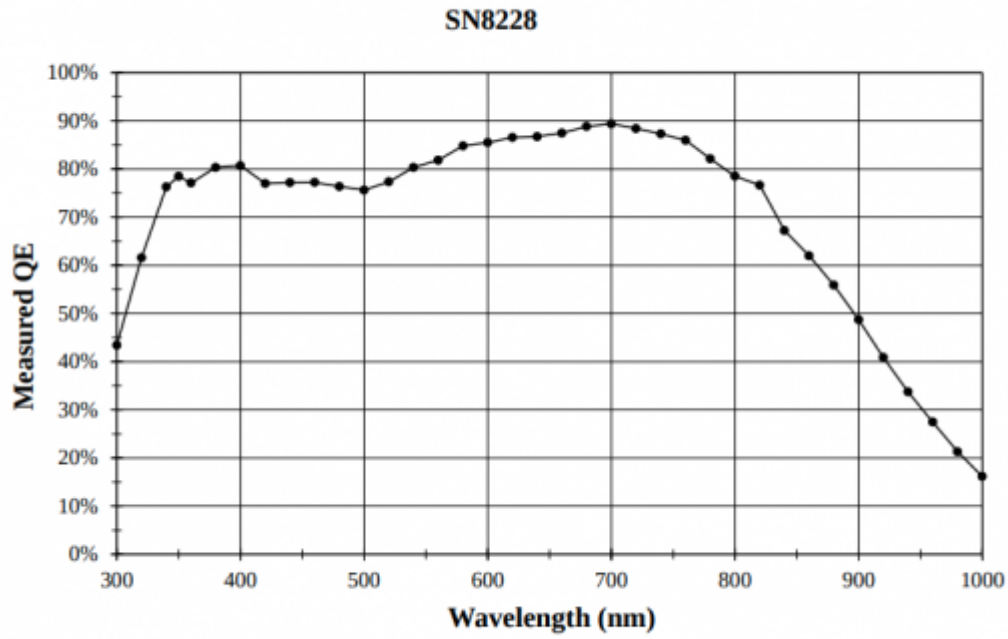
- [General Instructions](http://vovatt.org) (at vovatt.org)
- [Instructions on Guiding](http://vovatt.org) (at vovatt.org)

Maintenance

*Argon Calibration Lamp was replaced on 4/26/2013.

Note: There is some concern the lamps are burning out faster than they should.

QE Curve



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