# VAO Observer's information summary

## Teamviewer remote login

Team Viewer ID: 415931580, Password: uiobserve
Windows login: ./observer, password: AstroNet

## VAO Webcam

IP address: http://128.255.32.218:88
Login username: uiobserve, password uiobserve

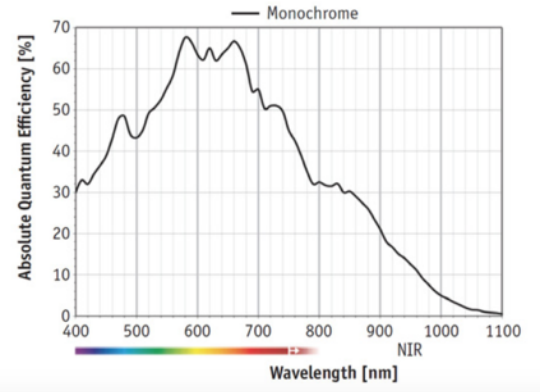
## Licenses

- Sky-X. v. 10.2.0
  - S/N 9023_6D3860ED
  - Camera add-on license: 502D-1F2B61F2
  - Tpoint add-on license: 1029-210461B3
- Maxim/DL v/ 6.06
  - Name: UIOWA Physics Astronomy 32
  - E-mail: robert-mutel@uiowa.edu
  - Serial: 10JPP-2MTPC-29XUV-EJ9RK-PCCVT-U6
  - Expiry: 2016/08/18

(license, with Signature [required] is in email on 18 Aug 2014 from Cyanogen)

## Telescope, mount, and camera specs

- ***Telescope***: CDK17
  - D = 0.43m, f/6.8 FL = 2960 mm
  - Plate scale = 0.070 arcsec / micron
- ***Camera***: SBIG STXL-6303E
  - 3072 x 2048 format [FOV 32' x 21.5']
  - 9µ pixels (0.63 arcsec/pixel)
  - Dark current: 0.3 e/sec at 0° C
  - 1.47 e/ADU 16 bit
  - Full frame download 4 sec



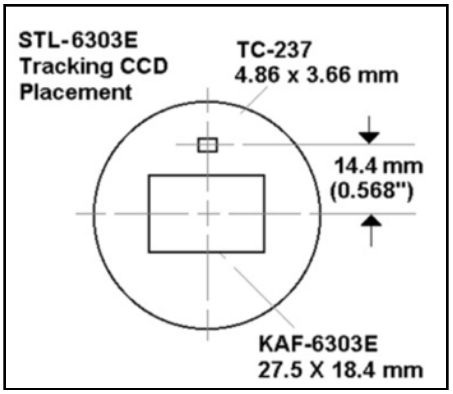
- ***Mount***: Bisque Paramount ME
  - German equatorial
  - 6 deg/sec slew (max)
- ***Filter wheel***: SBIG FW8G
  - 8 position: L,B,V,R,H, 3 unused (50mm round unmounted filters)
  - Autoguider camera:

## Port Assignments

- Serial COM ports
  - COM 1 = dome
  - COM 6 = mount
  - COM 4 = Focuser
  - COM 5 = All sky camera
  - COM 7 = Telescope mirror heater (actually USB port with USB-serial dongle)

## SBIG guider camera

- 4.88 mm  x 3.66 mm (5.67' x 4.27')
- Displacement 14.4mm = 16.8' (see figure_)




## Observing procedure: Periodic error correction calibration

TBD

## Observing procedure: Auto-guiding

TBD

## Observing procedure: Mosaicing

TBD

## Observing procedure: Spectroscopy

TBD