

Guider Camera Specs

Bok guider for 90Prime - 90PrimeGuider

1. Characterized 14Aug06 @ ITL
2. Gain - 3.4 e/DN
3. Noise - 12.9 3
4. Full Well - 139,000 e unbinned
5. Dark Current - 3.1 e/pixel/second
6. Operating CCD temperature: -38C
7. ARC Gen2 camera controller
8. Guider dewar 1
9. Detector serial number - sn2944
10. Pixels: 512×512 15×15 microns
11. Device type: 512FT

Bok guider for BCSpec - BokCassGuider

- Characterized 15Mar07 @ ITL
- Installed 18Mar07
- Gain - 3.1 e/DN
- Noise - 18 e
- Full Well - 76,000 e unbinned
- Dark Current - 4.5 e/pixel/second
- Operating CCD temperature: -37C
- Magellan/ITL camera controller
- Guider dewar 4
- Detector serial number - sn3010
- Pixels: 512×512 15×15 microns
- Device type: 512FT

Kuiper (61") guider - BigGuider

- Characterized 25Mar08 @ ITL
- Gain - 2.6 e-/DN
- Noise - 8.8 e-
- Full Well - 103,000 e- unbinned
- Dark Current - 126 e-/pixel/second
- Operating CCD temperature: -43C
- ITL/Magellan camera controller
- Guider dewar 11
- Detector serial number - sn4134
- Pixels: 512×512 15×15 microns
- Device type: MIT/LL CCID-37

MMT guider - MMTGuider

- Characterized 16Jun06 @ ITL
- Gain - 3.6 e/DN
- Noise - 5.3 e
- Full Well - 103,000 e unbinned
- Operating CCD temperature: -37 C
- ARC Gen3 camera controller
- Guider dewar 7
- Detector serial number - sn4135
- Pixels: 512×512 15×15 microns
- Device type: MIT/LL CCID37

SPOL guider - SPOLGuider

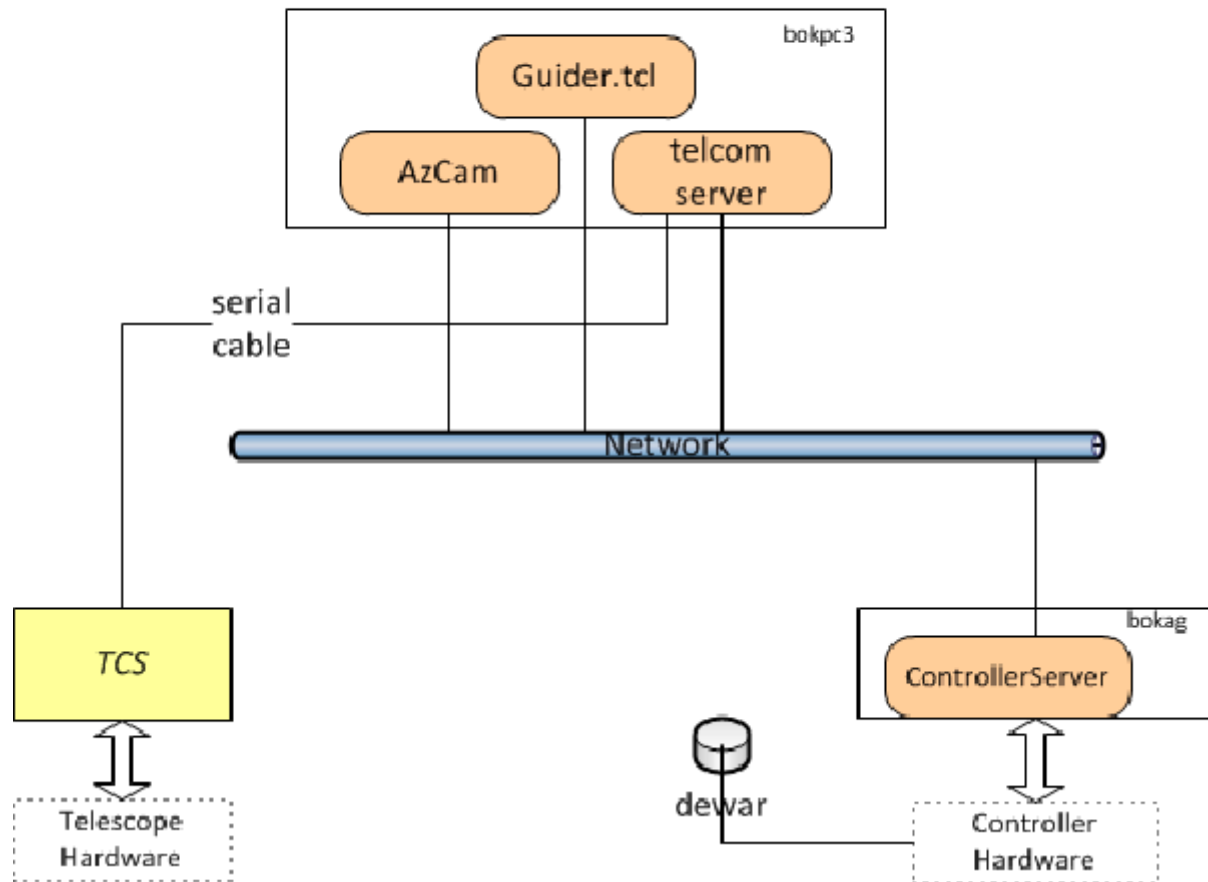
- E2V CCD57

Steward Guider Technical Info

PC Setup

- Turn off firewall
- Turn off Windows update
- Perform all updates manually
- Make sure ControllerServer service is running
- Set IP address
- Check that the dewar temperature is read back from system and reads about 25 C at room temperature
- Check that ROI is set so there are no dark edges around the 512×512 image
- Copy PC code to backup site
- Enable remote Desktop Connection

Steward Guider Architecture Example



From:
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