

90Prime is a prime focus wide-field imager for the Steward Observatory 90" telescope. The optical design includes a four element corrector and six position filter wheel. The focal plane array is a mosaic of four 4k x 4k CCDs which have been processed for back illumination by the [University of Arizona Imaging Technology Laboratory](#). The camera provides an imaging area of 1.0 square degree on the four CCDs. The edge-to-edge field-of-view including the inter-CCD spacing is 1.16° x 1.16° with a plate scale of 30.2"/mm or 0.45"/pixel.

Operational Links

- [Recent Changes and Known Issues](#)
- [User Certification](#)
- [Telescope Operation](#)
- [90-inch Lightning Shutdown Procedure](#)
- [Detector information](#)
- [Optics](#)
- [Filter information](#)
- [90Prime Operation](#)
- [90Prime vs 90PrimeOne](#)
- [Software](#)
- [Startup](#)
- [Dithered Exposures](#)
- [Pointing, WCS, Flexure](#)
- [Focus](#)
- [Making flat fields](#)
- [Observing Scripts](#)
- [Helpful Hints](#)

Other Relevant Links

- [Bok telescope web site](#)
- [Steward Observatory web site](#)
- [Steward telescope schedules](#)
- [Photometric Fields \(click on Stetson in upper left\)](#)
- [University of Bonn Shutter 200mm x200mm](#)
- [CCD Controller \(ARC Gen 3\)](#)
- [UA Imaging Technology Laboratory \(ITL\)](#)

The link below provides direct access to most 90Prime documents: [90prime_files](#)

From:
<https://lavinia.as.arizona.edu/~tscopewiki/> - **MOON**

Permanent link:
https://lavinia.as.arizona.edu/~tscopewiki/doku.php?id=public:kitt_peak:bok_90:90prime:90prime_info&rev=1542327216

Last update: **2018/11/15 17:13**

