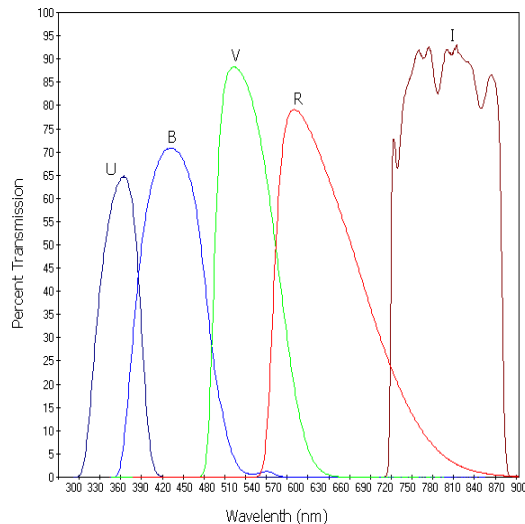


THE BEST PHOTOMETRY

Filters on the Tenagra II are the best available.

Many of our users take photometric data. The Tenagra filter sets (UBVRI) are the finest Johnson/Cousins, Bessel prescriptions made.

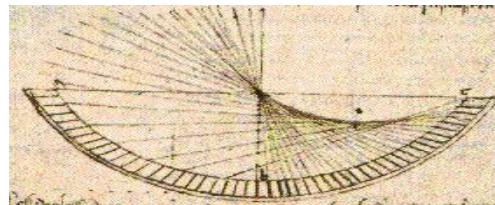


The Tenagra II telescope automatically takes flats in each filter each twilight. Your photometric error bars are reduced to sky limitations, not limitations of the Tenagra II telescope. Yes, we can use your specialized filters (50mm square).

"We used Tenagra Observatory to monitor the peculiar eclipsing pre-main sequence star KH 15D during the 2002-2004 observing seasons... This sort of intensive monitoring of a relatively faint star is best done by a robotic telescope and Tenagra proved up to the task during its first season of operation... *Compared to traditional methods of obtaining data like these, the process proved very time efficient and cost efficient. Basically, we obtained an entire season's worth of data on this fascinating star for the cost of one observing run to Kitt Peak...* I highly recommend Tenagra to anyone with monitoring needs."

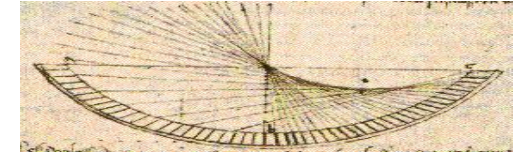
-- Dr. William Herbst, John Monroe Van Vleck Professor of Astronomy, Wesleyan University

There is no charge for you to evaluate the Tenagra II telescope. We will gladly take free test exposures for you to see if the system is correct for your research.



Tenagra Observatories, Ltd.
HC2 Box 292
Nogales, AZ 85621
(520) 287-7893

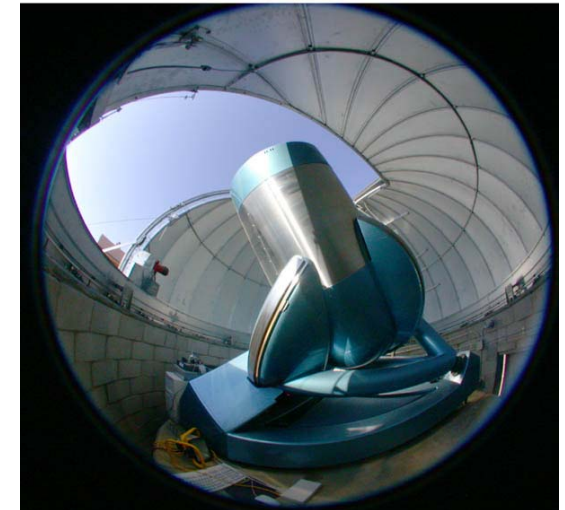
mbs@tenagraobservatories.com



Tenagra Observatories

The Very Finest in Commercial
Telescope Time

www.tenagraobservatories.com



Partial 2003-04 Season User List:

NOAO
Caltech
New Mexico State
U. of Hawaii
U. of N. Carolina
Columbia U.
Rice U.
Brigham Young U.

TELESCOPE TIME AT TENAGRA

"We had a couple of new bright Kuiper Belt Objects (KBOs) that we needed to recover but we were worried they might be discovered by someone else first. So we asked Michael Schwartz, who operates the Tenagra 32-inch telescope, if he might be able to image them... We were sent e-mails containing astrometry and photometry of our objects the night after we requested observations, and our data were placed on the Tenagra FTP server shortly after the images were collected. Tenagra was responsive and our science was treated with confidentiality..."

-- Dr. Chad Trujillo, Discoverer of Quaoar, California Institute of Technology

WHY USE TENAGRA?

The Tenagra site was chosen specifically for its excellent seeing averaged over the Southern Arizona observing season from September 15 to July 15. The average night being better than 2" FWHM. The site has virtually 100% coverage of the skies at longitude west 110° 52' 44.8", latitude +31° 27' 44.4", altitude 1,312m (4,306 feet). The site is in the Sonoran desert and in close

proximity with Mt. Hopkins, Kitt Peak and other major observatories. Typical humidity is less than 15%.

THE TELESCOPE. We offer a state-of-the-art telescope.

Tenagra II is a 32" (0.81-m) f/7 Ritchey-Chrétien. The science cameras are SITe based 1024 X 1024 X 24u yielding ~0.87 arc seconds per pixel. Field of view is about 15' X 15'. Chip temperature is maintained at a constant -45° C. year round. Pointing accuracy is an exceptional 10 arc seconds RMS. *Unguided* exposures of at least 300s can be taken all-sky. There is highly accurate automated refocusing at regular intervals. **There is simply no better fully automated telescope in the world.**

Imaging *and* a Spectrograph.

During the first half of the 2004-2005 observing season we will have a dual dispersion fully automated spectrograph accessible to all users. Check the Tenagra website for updates.

WHY USE TENAGRA?

- Eliminate travel and lodging expenses.
- Weather problems at the telescope site do not mean a lost opportunity. Tenagra will reschedule you. You are not charged if the weather is bad.

- No on-site problems. Tenagra staff handles all telescope maintenance.
- Projects with long time baselines are now possible without having to buy 100% of the telescope.
- Always have the seeing and weather conditions of southern Arizona
- Eliminate the politics of gaining and keeping telescope access. Gain telescope access to gather data for that all important first publication.
- Extend your coverage of objects beyond time allocated on your own telescope.
- It costs less. We charge by the **exposure hour**, not by the night. You never pay for an entire night or have a telescope for a very limited time. The cost for Tenagra II telescope time is \$175 per exposure hour for the 2004-2005 season.

HOW DOES THIS WORK?

You send imaging requests in a simple formatted language to Tenagra via e-mail. As your images are taken they are automatically placed in your FTP download area. Raw images are provided with complete calibration data: flats, bias and darks. You download at your convenience.