

Autoguider Software

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Autoguider Software

PHD2 is telescope guiding software that simplifies the process of tracking a guide star, letting you concentrate on other aspects of deep-sky imaging or spectroscopy. Easy-to-use, "push here dummy" guiding for beginners; Sophisticated guiding and analysis tools for experienced users

- PHD2 Guiding

By using autoguiding software such as PHD2 Guiding, our computer can communicate with the telescope mount. PHD2 Guiding is the successor to PHD Guiding, which I used for several years before upgrading to PHD2.

Autoguiding a Telescope for Deep Sky Astrophotography ...

A refreshingly easy-to-use and affordable autoguider for accurate long-exposure astrophotography. Now Mac compatible with Intel-based Mac computers! StarShoot AutoGuider keeps track of a selected guide star and communicates constantly with connected equatorial telescope mount to correct any tracking errors throughout long exposure astrophotography sessions

Orion StarShoot AutoGuider | Orion Telescopes ...

The MGEN Autoguider offers the Random Displacement command. The Telescope is moved between exposures for just a few pixel, thus resulting in hotpixels to disappear and lower general noise when adding (stacking) multiple exposures. Using MGENs random displacement function increases overall image quality, it can even make dark frames obsolete!

Lacerta MGEN-3 *** The sensitive standalone autoguider

Hi Matt, If you had an ASIAir Pro, the Polemaster would be largely redundant. As long as you have an ASIAir Pro (or SharpCap) and an auto-guider, you can use that to get a precise polar alignment. It's hard to explain, but basically, as long as the guide scope is pointed up towards Polaris, it will be able to identify the stars and tell you how to adjust the base for a precise alignment.

Peter Zelinka | Auto-Guiding with the SkyGuider Pro

CPWI Software. Take control of your telescope! Download the Celestron PWI Telescope Control Software. SkyPortal App. Celestron's FREE planetarium app is an astronomy suite that redefines how you experience the night sky. ... Stand-Alone autoguider eliminates the need for a laptop computer;

NexGuide Autoguider | Celestron - Telescopes, Telescope ...

The StarShoot AutoGuider's incredible ease of use will appeal to beginning and experienced astrophotographers alike. We've included highly acclaimed PHD Guiding software for the most intuitive and user-friendly autoguiding experience. The included PHD Guiding software requires no previous knowledge of autoguiding.

Orion StarShoot Auto Guider - Autoguiding ...

PHD Guiding PHD Guiding is designed to be "Push Here Dummy" simple, yet provide powerful, intelligent auto-guiding of your telescope for both PCs and Macs. Connect your mount, your camera, select a star, and start guiding. That's it! Despite actually having a Ph.D., I've always had a tough time figuring out which way North is in the guide frame, whether an axis is mirrored (and if so, which ...

PHD Guiding - Stark Labs

Orion StarShoot AutoGuider. Orion StarShoot AutoGuider. Print. Email Friend { width: 340, height: 340, defaultImage: "", layers: '52064' } Details. Product SKU: 52064. Astro-images taken through a telescope on a tracking mount provide breathtaking color and detail that you just can't see with your eyes alone. ... Software Downloads. PHD Guiding ...

Product Support - Orion StarShoot AutoGuider

PHD2 is guiding software inspired by Stark Labs PHD Guiding. PHD2 is free of cost, open source, and community-developed and supported.

Download PHD2 - PHD2 Guiding

AutoGuider Calculator Instructions: AutoGuider Image Scale: It is important that your image scale is very accurate. The best way to determine your image scale is to take an image with the *autoguider* (un-binned) and do a plate solve to resolve the actual image scale.

AutoGuider Calculator V4.00

Theoretically the software should work with any mount which supports the ASCOM PulseGuide() method. This should include any of the the Meade LX series, Meade Autostar based scopes, Celestron GPS and Nexstar i models, and many other scopes/mounts. Features. Dedicated, standalone, easy-to-use autoguider software

GuideDog - barkoSoftware

While probably not as compatible with guiding software as the older Starshoot camera, it is compatible with PHD which is overwhelmingly the most popular autoguider software out there. It also has a port for connecting directly to your mount if that is how you guide.

Best Autoguider and Guide Scope for 2020 - Astronomy Online

Normal autoguiding software assumes the guidestars are nice Gaussian shapes - but in fact they have broad and misshapen wings due to seeing. MG focuses on the central hot spot of the star in each video frame and guides on the centroids of these hot spots

MetaGuide - AstroGeeks

Everything what you will need for ASI camera control, imaging, guiding and processing at one place! Windows, MAC and Linux USB drivers, ASCOM drivers, latest firmware and camera control and processing software for all ZWO devices.

Software and Drivers - ZWO ASI | Astronomy Cameras

For remote operation, the STV video camera and autoguider has its own remote operating software provided with the camera (STVREMOTE) that runs under Windows 95/98/2000/NT/XP. STVREMOTE allows you to control all of the functions of the STV from a remote computer, apply flat frame correction to STV image files and also saves STV images as bitmap files.

SBIG Camera and Image Processing Software

The autoguider captures regular snapshots of the sky and a computer compares them to detect star drift.rt to keep the mount on track.

What is an autoguider? - skyatnightmagazine

CPWI Software. Take control of your telescope! Download the Celestron PWI Telescope Control Software. SkyPortal App. Celestron's FREE planetarium app is an astronomy suite that redefines how you experience the night sky.

Drivers and Software | Celestron - Telescopes, Telescope ...

With the LPI-G connected to a mount and PC, it will use the camera and user-supplied autoguider software to monitor the mount's tracking and make precise corrections to reduce or eliminate errors which can result in fuzzy images and star trails.

Meade LPI-GC Autoguiding and Imaging Eyepiece Camera ...

The Lodestar X2 is an upgraded version of the very popular Lodestar autoguider. The original Lodestar uses the ICX429 Exview chip from Sony and offers excellent sensitivity. However, Sony have now upgraded the ICX429 to the ICX829, with considerably improved QE and read noise.