

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. PHD stands for "Push Here Dummy", and it very easy to use, once everything is set up properly.

Autoguiding a Telescope for Deep Sky Astrophotography ...

The Orion StarShoot AutoGuider provides a user-friendly, dedicated autoguiding camera for long-exposure astrophotography. It's compatible with virtually any mount equipped with an autoguider port and comes with all the software and cables needed to work right out of the box!

Orion StarShoot AutoGuider | Orion Telescopes ...

An auto-guider is a small camera that sends commands to your star tracker, drastically increasing the tracking accuracy! In order to use the auto-guider, you'll also need a guide scope. This guide scope is just a small lens that allows the auto-guider camera to see the stars.

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 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

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

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.

PHD Guiding - Stark Labs

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

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

An autoguider is basically a camera that can either connect to your mount or a computer and tracks a specific star. When the selected star moves more than a specified amount away from the spot where it is supposed to be in the images the camera takes, it tells the mount to move a certain amount to keep that star dead in the center of the frame.

Best Autoguider and Guide Scope for 2020 - Astronomy Online

The camera, computer and software are often integrated into one unit in standalone autoguiders such as the popular Celestron NexGuide or Sky-Watcher SynGuider. Off-axis guiding has the advantage of eliminating a separate guidescope, thereby avoiding the potential for flexure and reducing load on the mount.

What is an autoguider? - skyatnightmagazine

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

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

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 ...

The process of autoguiding your telescope mount is done using software such as PHD2. Over the years I have used a number of cameras for autoguiding, with the Starlight Xpress Lodestar X2 being the latest (and most advanced) model I've ever used.

Using a Starlight Xpress Lodestar X2 Autoguider for ...

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 ...

Capture gorgeous astrophotos of the Moon and planets with the Orion StarShoot 3MP Planetary Imager & AutoGuider. Shop online - 100% satisfaction guaranteed!