

teleskopy.pl



Sky-Watcher Star Adventurer Mini sets new standards in simple, mobile astrophotography of wide-field astrophotography. It is a small and inconspicuous device, which in essence is a precise and advanced parallactic head with a number of very useful features. The MINI version is the latest Sky-Watcher head, for people who do not need the Star Adventurer head capacity. Mini Star Adventurer has a load capacity of 3 kg, which is sufficient to use a SLR camera with a short telephoto lens (up to 85 - 100 mm). The most interesting, however, is hidden in the way of controlling this head. In the Mini version, Star Adventurer is fully controlled by the Wi-Fi network through a free application that works on all Android and iOS mobile devices. Just download and install the application: <https://play.google.com/store/apps/details?id=com.skywatcher.samini> Insert the batteries into the Star Adventurer Mini head and start the Wi-Fi network on your mobile device. Communication with the head takes place once, when sending settings for the current session to it. During the session, it is possible to automatically switch off the network, which saves the battery of the mobile device and batteries in the head, especially on frosty nights. Through the application, the user has an influence on many parameters of the head and SLR operation, connected by a remote trigger cable (jack 2.5 mm - to Canon EOS):

1. Astrophotographic mode duration of each exposure (1, 2, 3, ... s) delay between consecutive exposures number of exposures duration of all exposures in hours Tracking speed (stellar, solar, lunar, 0.5x stellar, 2x stellar)
2. Astro Time-lapse mode duration of each exposure (1, 2, 3, ... s) duration of all exposures in hours the length of the resulting movie sequence in seconds number of frames per second of the resulting movie sequence Tracking speed (stellar, solar, lunar, 0.5x stellar, 2x stellar)
3. Time-lapse and long-exposure modes Time-lapse as above, in addition: head rotation range expressed in degrees number of turns to be made by the head direction and speed of rotation (degrees / second)
4. View the polar field view position of the Polaris data on the time and location of the mobile device from the GPS remote switching on / off of polar spotlight backlight
5. Manual control

A set of functions allows you to quickly and efficiently take high-quality photos of the night sky. In addition to many convenient exposure settings, the head has a mini USB port (for power supply). Thanks to this head, you can create not only beautiful astrophotographs using many individual frames, but also time-lapse sequences with moving background and a relatively new and very fashionable form of night photography - star scapes, where the starry sky plays the most beautiful starry sky, exactly Traced by the Star Adventurer head. The modern solution of the drive with the DC servo not only allows precise control of the tracking speed, but also a compact and very economical solution - Star Adventurer can work even for a few days, left on one set of batteries or accumulators - needed there are only two AA (LR6) batteries. The work with the head is facilitated by a very precise, illuminated polar field with a field of view of 10 degrees (in the set), which will not be achieved with much larger and more expensive parallactic assemblies. It takes into account the correction of the position of the North Pole due to precession, and the polarity of the pole is facilitated by legible descriptions and the annual scale. The head has a 3/8 inch tripod mount with a 1/4 inch reduction, and a 1/4 inch tripod adapter, mounted to the head with the help of dovetail in the Vixen standard. It is possible to equip the Star Adventurer head with a high-quality ball head, which gives the photographer unlimited freedom in the selection of a photo composition. For ergonomic and functional reasons, the Star Adventurer has one movable shaft in right ascension, which can be quickly moved during operation using an adjustable mechanical clutch. Drive mechanism DC motor with encoder (DC servo) aluminum calf, brass snail Power 2xAA battery power supply - very low power consumption external power supply via the micro USB port up to 24 hours of uninterrupted battery life |ledzenie 5 pre-set tracking speeds: 0.5x, 2x, stellar, Lunar and Solar the ability to choose the direction and speed of rotation the ability to manually control traffic in two directions mechanical clutch enabling quick change of position Built-in precision polar scopes with backlight built-in autoguider with ST-4 port Exposure control automatic shutter control of many SLR cameras (via Canon EOS cable with minijack 2.5 mm output) ability to work in time lapse and star scape mode, full freedom to determine exposure parameters Tracking of the northern and southern hemispheres Other features compatible with 1/4 "and 3/8" tripods saddle in the Vixen standard maximum load capacity of 3 kg Technical parameters Drive mechanism - precise DC motor with encoder (DC servo) - aluminum cradle with a diameter of 36mm, 72T - brass snail with a diameter of 11mm Power - 2xAA batteries (alkaline or Ni-MH rechargeable batteries) - very low power consumption - external power supply via the micro USB port - up to 24 hours of uninterrupted battery life Control - built-in Wi-Fi network - free application for mobile devices (Android, iOS) - release of the camera shutter by a 2.5 mm minijack connector |ledzenie - programmed tracking speeds: 0.5x, 2x, 1x star, Lunar and Solar - the ability to manually control traffic in two directions - mechanical clutch enabling quick change of position - built-in precision polar field scope with 10-degree field of view with backlight others - operating temperature range: -10 / +40 degrees Celsius - dimensions: 103 x 76 x 70 mm - weight: 650 g