

teleskopy.pl



SynGuider is an independent guide that does not require connection to a computer. This is a necessary addition to the installation when shooting at long exposure times. Characteristics

- A standalone guiding device
- Sensor: CCD
- The LCD display shows the image of the star in real time
- ST4 guidera port
- Can be connected via M42 thread or to a 1.25" (nose piece, C-mount)
- Possibility to update the software via the Internet

Technical parameters

- Sony ICX404AL CCD sensor
- transducer size: 5.59mm x 4.68mm
- resolution: 510 x 492
- pixel dimensions: 9.6 μ m x 7.5 μ m
- angular resolution: 2261 / FL * x 1962 / FL * (* FL - telescope focal length in millimeters, angular resolution expressed in seconds)
- DC power supply 6 ~ 14 V 250mA
- lighting times (in milliseconds): 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, 2048, 4096 (ie from 1/1000 to 4 seconds)
- sensitivity: typically SynGuider is able to "see" stars with magnitude 8 magnitude under the following conditions: - 80mm refractor with a typical light source - exposure time 2048ms - good seeing