



ASI 120 MC-S is a super fast and very sensitive color camera compatible with USB 3.0. It allows you to achieve speeds up to 60 fps at full resolution, equal to 1280 x 960 pixels. The most important features

- signal transmission via USB 3.0 (also compatible with USB 2.0)
- very fast, very smart
- exposure up to 1000 seconds!
- 1/3 "matrix AR0130CS - pixel size: 3.75 μ m
- in a set with a 2.5 mm wide lens
- has an ST-4 autoguiding port

Technical parameters

- matrix: 1/3 "CMOS AR0130CS color
- resolution: 1.2 MPix 1280 x 960
- single pixel size: 3.75 μ m
- distance from thread T2 to die: 14 mm
- ROI selection: yes
- USB 3.0 / 2.0 transmission connection
- power supply: via USB
- bit rate: 12 bit
- dimensions: \varnothing = 62 x 28 mm
- weight: 100 g
- connection to the telescope: T2, M28 * 0.6, bushing / nosepiece 1.25 "
- connection to a photo tripod: 1/4 inch
- UV / IR filter: yes, before the matrix
- binning 2x2
- in the set: camera: USB cable, 2.1 mm lens, ST-4 cable length: 2 meters for guiding, T2 / 1.25 "nose, plate with drivers
- weight: 100 g
- Working and storage conditions
- operating temperature range: -5 ° - + 45 ° C
- storage temperature

range: -20 ° - + 60 ° C range of relative humidity: 20% - 80% range of relative humidity of storage: 20% - 95%
Available resolutions / speeds Binning 1 x 1: 1280X960 @ 60FPS 1280X720 @ 98FPS 1280X600 @ 116FPS 1280X400
@ 168FPS 960X960 @ 74FPS 1024X768 @ 90FPS 1024X400 @ 160FPS 800X800 @ 85FPS 800X640 @ 106FPS
800X480 @ 141FPS 640X480 @ 133FPS 512X440 @ 145FPS 512X400 @ 158FPS 480X320 @ 196FPS 320X240 @
254FPS Binning 2 x 2: 640X480 @ 45FPS