

# teleskopy.pl



ASI 120 MC-S is a super fast and very sensitive monochrome 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 are: 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  $\mu$ m in a set with a 2.5 mm wide lens has an ST-4 autoguiding port

Technical parameters: matrix: 1/3" CMOS MT9M034 monochrome resolution: 1.2 MPix 1280 x 960 single pixel size: 3.75  $\mu$ 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

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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