



The ASI 120 MC camera is a highly sensitive color camera for astrophotography of the Moon and planets. The most important features are signal transmission via USB 2.0, very budget, with high sensitivity, 1/3" matrix AR0130CS - pixel size: 3.75 μm - 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 - single pixel size: 3.75 μm - distance from thread T2 to die: 14 mm - ROI selection: yes - USB 2.0 transmission connection - power supply: via USB - bit rate: 12 bit - dimensions: $\varnothing = 62 \times 28 \text{ mm}$ - 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, T2 / 1.25" nosepiece - weight: 100 g. Working and storage conditions: operating temperature range: $-5^\circ \text{C} - +45^\circ \text{C}$ - storage temperature range: $-20^\circ \text{C} - +60^\circ \text{C}$ - range of relative humidity: 20% - 80% - range of relative humidity of storage: 20% - 95%. Available resolutions / speeds: 1280X960 @ 30 FPS, 1280X720 @

40FPS, 1280X600 @ 45FPS, 1280X400 @ 60FPS, 1024X768 @ 40FPS, 1024X600 @ 55FPS, 1024X400 @ 80FPS,
800X800 @ 40FPS, 800X640 @ 50FPS, 800X512 @ 60FPS, 800X400 @ 80FPS, 800X320 @ 100FPS, 640X560 @
60FPS, 640X480 @ 70FPS, 512X400 @ 80FPS, 480X320 @ 100FPS, 320X240 @ 130FPS,