



ZWO ASI294 is the first camera in the world equipped with the latest Sony IMX294CJK matrix. Technical parameters: 4/3" Sony IMX294 CMOS sensor, diagonal: 23.2 mm, resolution: 11.7 Mpix 4144x2822, pixel size: 4.63 µm, shutter: rolling shutter, exposure range: 32 µs - 2000 s, ROI selection: yes, read noise: 1.2 e @ 39 db gain, at peak: not stated, potential well: 63.7 ke, ADC: 14 bit, buffering: DDRIII 256 MB, communication port: USB 3.0, USB 2.0, connector: M42 * 0.75 (T-2), back focus: 6.5 mm, cooling: two-stage thermoelectric cooling (TEC), 35 - 40 ° below ambient temperature, power consumption of the camera: 650 mA @ 5 V, power consumption for cooling: 12 V @ 3 A, operating temperature range: -5 ° C - 45 ° C, storage temperature range: -20 ° C - 60 ° C, maximum speeds: 10 Bit ADC 4144x2822 19 fps / 14 bit ADC 4144x2822 16 fps, diameter: 78 mm, weight: 410 g, Available resolutions: USB 3.0 Raw16: 4144 x 2822 16.3fps 4096 x 2160 21.1fps 3840 x 2160 21.1fps 1920 x 1080 40.9fps 1280 x 720 59.7fps 640 x 480 85.9fps 320 x 240 153.4fps, USB 3.0 Raw8 & HighSpeed: 4144 x 2822 19.0fps 4096 x 2160 24.7fps 3840 x 2160 24.7fps 1920 x 1080 47.9fps 1280 x 720 69.8fps 640 x 480 100.5fps 320 x 240 179.3fps

Additional note - recommended uses

â€¢ it's a great camera for lucky imaging with filters or without, long-time DS astrophotography without filters (the camera does not love narrowband filters)

Warranty 24 months