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ASI185MC from ZWO is an uncooled color camera with versatile use in astrophotography. Equipped with a 1 / 1.9 "2.5 MPix matrix, the same size of a single pixel as the ASI224MC, but the larger size of the matrix. In the set with a wide-angle lens f = 2.5 mm. Usage â€¢ photo of the Moon and planets - very fast gathering material for stacking â€¢ astrophotography of the Sun (after applying the appropriate filtration) â€¢ lighter objects of the Deep Sky - up to 1000 seconds for a single exposure â€¢ can be used for guiding (has a ST4 port) â€¢ recommended for microscopic photography â€¢ all-sky and weather camera thanks to the lens f = 2.5 mm / approx. 170 ° Basic features â€¢ 1944x1224 resolution â€¢ very low reading noise with very high sensitivity â€¢ very sensitive in the infrared â€¢ exposure time from 32?m to 1000 seconds â€¢ free software from the manufacturer allows automatic stacking and camera operation (FireCapture software) - ideal for photographing nebular objects Technical parameters â€¢ matrix: 1 / 1.9 "CMOS IMX185 (diagonal 8.58 mm) â€¢ resolution: 2.3 MPix, 1944 × 1224 â€¢ single pixel size: 3.75 ?m â€¢ range of exposure times: 32 ?s-1000 s â€¢ ROI (selection of the area of â€‹â€‹interest): yes â€¢ shutter: rolling shutter â€¢ ST4 guiding port: yes â€¢ matrix protection: yes, with anti-

reflective layers • compatibility with operating systems: Mac, Windows, Linux • transmission connection: USB 2.0, USB 3.0 • bit rate: 12 bit • connection to the telescope: 2 ", 1.25" (toe), T2 • dimensions: ? 62 mm x 36 mm • weig 120 g (without lens) • operating temperature range: -5 ° - + 45 ° C • storage temperature range: -20 ° - + 60 ° C • ran of relative humidity: 20% - 80% • range of relative humidity of storage: 20% - 95% Elements of the set • 1st camera (body + wide angle lens) • 2. ST4 guiding wire, 2 meters long • 3. cap • 4. T2 / 1.25 "nosepiece • 5. USB 3.0 cabl length 2 meters • 6. drivers and additional software (Mac, PC and Linux) External links Control software, drivers and software for photo material processing can be downloaded for free from the manufacturer's website. Original manufacturer's instructions are also available. INSTRUCTIONS [ENG, LINK] CONTROLLERS [LINK] Warranty 24 months