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The new version of the recognized camera ASI174MM, equipped with cooling matrix 35-40 ° relative to the environment. It is characterized by a very low noise level. The 1 / 1.2-inch sensor and the single pixel size of 5.86 µm make it a suitable nebula (DS) astrophotography camera for most telescopes. High QE, low reading noise, and very fast speed - this camera will delight every user. Elements of the set 1 - ZWO ASI174MM-C camera in the housing 2 - M42-1,25 "adapter (T-mount) 3 - 1.25 "cap 4 - USB 3.0 cable length 2 meters 5 - two short USB 2.0 cables (they are used to connect the EFW wheel or a guiding camera via the USB2.0 hub) 6 - spare tablets with a dehumidifier (they are replaced when the steam inside the camera chamber is visible) 7 - drivers and additional software on the CD (compatibility: Mac, PC and Linux) Note: cameras with cooling require a 12V power supply. If you do not have it - you can buy a dedicated power supply for the ZWO camera in our store. The heating band dedicated to the ZWO camera solves the problem of dew on the camera's front glass - you should consider purchasing this item. Technical parameters ∅ matrix: 1 / 1.2 "CMOS IMX174LLJ / IMX174LQJ ∅ resolution: 2.3 MPix, 1936 × 1216 ∅ single pixel size: 5.86µm ∅ range of exposure times: 32?s - 1000s ∅ ROI (selection of the area of ∅∅interest): yes ∅ communication standard: USB3.0 / USB2.0 ∅ Bit rate: 12bit (12bit ADC) ∅ adapters / connectors: 2 " / 1.25" / M42x0.75 ∅ dimensions:

diameter  $\varnothing = 78$  mm  $\hat{=}$  weight: 410 g  $\hat{=}$  back focus : 17.5 mm  $\hat{=}$  cooling: adjustable two-stage thermoelectric cooling  $\hat{=}$   $\Delta T = 35-40$  ° C  $\hat{=}$  required cooling power supply parameters: 12 V @ 3 A Supported resolutions  $\hat{=}$  12bit ADC, binning 1 x 1: 1936X1216 @ 128FPS, 640 x 480 @ 309FPS, 320 x 240 @ 577 FPS  $\hat{=}$  10bit ADC, binning 1 x 1: 1936X1216 @ 164FPS, 640 x 480 @ 397FPS, 320 x 240 @ 740FPS Warranty 24 months