



ZWO ASI174MM is a camera with a Sony Exmor IMX174 2.35MP monochrome matrix equipped with a "global shutter" shutter. The 1 / 1.2-inch sensor and the single pixel size of 5.86  $\mu$ m 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. Technical parameters  $\hat{=}$  matrix: 1 / 1.2 "CMOS IMX174LLJ / IMX174LQJ  $\hat{=}$  resolution: 2.3 MPix, 1936  $\times$  1216  $\hat{=}$  single pixel size: 5.86  $\mu$ m  $\hat{=}$  range of exposure times: 32?s - 300s  $\hat{=}$  ROI (selection of the area of  $\hat{=}$ interest): yes  $\hat{=}$  communication port standard: USB3.0 / USB2.0  $\hat{=}$  Bit rate: 12bit (12bit ADC)  $\hat{=}$  adapters / connectors: 2 " / 1.25" / M42x0.75  $\hat{=}$  dimensions: diameter = 62 mm  $\times$  41 mm  $\hat{=}$  weight: 140 g Supported resolutions  $\hat{=}$  12bit ADC, binning 1  $\times$  1936X1216 @ 128FPS, 640  $\times$  480 @ 309FPS, 320  $\times$  240 @ 577 FPS  $\hat{=}$  10bit ADC, binning 1  $\times$  1: 1936X1216 @ 164FPS, 640  $\times$  480 @ 397FPS, 320  $\times$  240 @ 740FPS  $\hat{=}$  binning 2  $\times$  2: 968  $\times$  608 @ 164FPS Elements of the set  $\hat{=}$  camera (body without lens)  $\hat{=}$  ST4 guiding cable, 2 meters long  $\hat{=}$  cap  $\hat{=}$  T2 / 1.25 "nose  $\hat{=}$  2 m long USB cable  $\hat{=}$  drivers and additional software (Mac, PC and Linux) Warranty 24 months