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The QHY 5 camera is a simple but effective monochrome camera for planetary astrophotography and guiding (it has a built-in ST-4 port). Technical parameters: Sensor: CMOS, Micron MT9M001, 1/2 inch, monochrome resolution: 1280 x 1024 pixels single pixel size: 5.2µm x 5.2µm maximum QE (Quantum efficiency): 56% transmission speed (USB 2.0): 24 MPix / s, 15 FPS @ 1280 * 1024, 50 FPS @ 640 * 480 exposure times: 1/1000 sec - 5 sec (using QGVideo) no compression of the video stream built-in ST-4 guiding port dimensions: diameter 64 mm, length 26.5 - 32 mm has a 1.25" filter thread (ie M28,5x0,5) works with software for guidings - PHD Guide - GuideMaster - MaximDL - AstroART telescope attachment: T2 thread (M42x0.75) standard cable for signal transmission to the computer: USB 2.0 standard port / cable for autoguidation: RJ-12 Drivers and software updates are available for download for free from the manufacturer's website: <http://www.qhyccd.com/download.html> . RJ-12 and USB cables are not part of the camera equipment.