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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.