



QHY8L is a compact and lightweight CCD camera with a resolution of 6 Mpix designed for advanced astrophotography of Deep Sky objects. The cooling system provides an extremely low level of dark current and a high signal-to-noise ratio (SNR). A single pixel measuring $7.8 \mu\text{m} \times 7.8 \mu\text{m}$, combined with a high resolution matrix guarantees high detail of the images obtained while maintaining high sensitivity. Technical parameters: matrix: CCD, ICX413AQ, colored, resolution: 3032 x 2016 pixels, effective 3000 x 2000, single pixel size: $7.8 \mu\text{m} \times 7.8 \mu\text{m}$, maximum QE (Quantum efficiency): 60%, speed of transmission / reading: 3 FPS, no compression of the video stream, built-in ST-4/6 PIN guiding port, weight: 400 g, dimensions: 119 mm x 63 mm x 63 mm, cooling: Peltier, up to 35° below ambient

temperature - works with software for guidings - PHD Guide - GuideMaster - MaximDL - AstroART - power supply: 12 V - standard cable for signal transmission to the computer: USB 2.0 - standard port / cable for autoguidation: RJ-12 - included: QHY 8L camera, cooling control module, cooling module power supply, cables: USB, ST-4 (RJ-12), connecting cable with cooling control module Drivers and software updates are available for download for free from the manufacturer's website: <http://www.qhyccd.com/download.html> .