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Complete astrophotography solution - Orion Starshoot All-in-One.
• CMOS MT9M034 1/3" CMOS color camera 3.75 x 3.75 micron
• super fast up to 200 fps for portraying planets and the moon
• A very wide range of exposure times from 0.00002 seconds to 10 minutes for a single frame
• high QE at low noise
• built-in IR-Cut filter and the unique Auto Dark Removal function
• allows astrophotography of galaxies, nebulae and clusters
• the set has an adjustable fixture mounted to the foot of the finder and an 8 mm F / 1.0 lens - ideal for wide-field astrophotography
• has a ST-4 port and can work as a guiding camera
• allows you to run live broadcasts, eg using SKYPE
Technical parameters
• range of applications: photography of the Sun, Moon, planets and Messier catalog objects
• matrix: Aptina Color CMOS MT9M034
• diagonal matrix: 1/3"
• resolution: 1280 x 960 (1,228,800 px)
• single pixel size: 3.75 x 3.75 μm
• Possibility to work as an autoguider: yes, it has a ST-4 port
• exposure time range: from 0.00002 sec. To 600 sec
• A / D converter resolution: 8 bit
• thermoelectric cooling: no
• built-in IR filter: yes
• telescope mount: 1.25" nosepiece
• connection with a computer: USB 2.0
• compatibility: Windows XP / Vista / 7/8/10
• binning: 1x1, 2x2
• weight: 57 g
elements of the set: camera, USB cable, RJ-12 cable (ST-4), parfocal ring, adapter for the foot of the finder with adjustable rings, nosepiece 1.25 with filter thread, adapter C / CS, lens wide 8 mm F / 1.0, data insert to download the software, metal case