



ASI1600MC-Cool is a color camera with thermoelectric cooling, with a resolution of 16 Mpix (4656 x 3520 at 23 FPS), which, being dedicated to nebular astrophotography, is, paradoxically, also very good in planetary portraits. This is a new version with a built-in USB hub. Technical parameters

- matrix: 4/3" CMOS
- diagonal: 21.9 mm
- resolution: 16 Mega pixels 4656 x 3520
- single pixel size: 3.8µm
- transmission speed at maximum resolution: 23 fps
- exposure time: 32µs - 2000s
- reading noise: 1.2e @ 30db gain
- shutter type: rolling shutter
- depth of the potential well: 20 ke
- transducer resolution (ADC): 12 bit
- transmission interface: USB 3.0 / USB 2.0
- matrix cooling: T = 40 - 45 ° C relative to the ambient temperature
- telescope connector: 2" / 1.25", M42 * 0.75
- window protection: yes, with AR layers
- back focus : 6.5 mm
- dimensions: 78 mm
- weight: 410 g
- operating temperature range: -5 ° - + 45 ° C
- storage temperature range: -20 ° - + 60 ° C
- range of relative humidity: 20% - 80%
- range of relative humidity of

storage: 20% - 95% Read noise, well depth, gain and dynamic range ASI1600 - graphs QE - graph Power consumption by the TEC cooling system - graph Elements of the set

- â€¢ 1. case for the camera
- â€¢ 2nd camera
- â€¢ 3. tablets with a dehumidifier
- â€¢ 4. drivers and additional software (Mac, PC and Linux)
- â€¢ 5. spacer ring (2 pieces)
- â€¢ 6. 21 mm extension
- â€¢ 7. extension 16.5 mm
- 8. nose 1.25 "
- â€¢ 9.thirtree 1.25 "
- â€¢ 10. filter adapter T2-1,25 "
- â€¢ 11. container / tube for tablets with a dehumidifier
- â€¢ 12. USB 3.0 cable
- â€¢ 13. USB 2.0 cable
- â€¢ 14. M42-M48 adapter

Warranty 24 months