



ASI1600MM is a non-cooled camera with a resolution of 16 Mpix (4656 x 3520 at speeds of 23 FPS), which, being dedicated to nebular astrophotography, is, paradoxically, also very good in planetary portraits. Technical parameters

- matrix: 4/3 "CMOS
- diagonal: 21.9 mm
- resolution: 16 Mega pixels 4656 x 3520
- single pixel size: 3.8 μ m
- transmission speed at maximum resolution: 23 fps
- exposure time: 32 μ s - 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
- telescope connector: 2" / 1.25", M42 * 0.75
- window protection: yes, with AR layers
- back focus : 6.5 mm
- dimensions: \varnothing = 62 mm x 41 mm
- weight: 140 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 Elements of the set

- camera
- 18.5 mm T2-M48 adapter
- filter adapter T2-1,25"
- 1.25" cover
- T2 / 1.25" nose
- ST4 guide cable, 2 meters long
- USB 3.0 cable length 2 meters
- drivers and additional software (Mac, PC and Linux)
- Warranty 24 months