

# teleskopy.pl



ASI1600MC is a non-cooled camera 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. Technical parameters

- â€¢ matrix: 4/3 "CMOS
- â€¢ diagonal: 21.9 mm
- â€¢ resolution: 16 Mega pixels 4656 x 3520
- â€¢ single pixel size: 3.8 $\mu$ m
- â€¢ transmission speed at maximum resolution: 23 fps
- â€¢ exposure time: 32 $\mu$ s - 2000s
- â€¢ reading noise: 1.2e @ 30db gain
- â€¢ shutter type: rolling shutter
- â€¢ depth of the potential well: 20 ke
- â€¢ transducer resolution (ADC): 12 bit
- â€¢ transmission interface: USB 3.0 / USB 2.0
- â€¢ telescope connector: 2" / 1.25", M42 \* 0.75
- â€¢ window protection: yes, with AR layers
- â€¢ back focus : 6.5 mm
- â€¢ dimensions:  $\varnothing$  = 62 mm x 41 mm
- â€¢ weight: 140 g
- â€¢ operating temperature range: -5 ° - + 45 ° C
- â€¢ storage temperature range: -20 ° - + 60 ° C
- â€¢ range of relative humidity: 20% - 80%
- â€¢ range of relative humidity of storage: 20% - 95%

Read noise, well depth, gain and dynamic range ASI1600 - graphs QE - graph Elements of the set

- â€¢ camera
- â€¢ 18.5 mm T2-M48 adapter
- â€¢ filter adapter T2-1,25 "
- â€¢ 1.25 "cover
- â€¢ T2 / 1.25 "nose
- â€¢ ST4 guiding cable, 2 meters
- â€¢ USB 3.0 cable length 2 meters
- â€¢ drivers and additional software (Mac, PC and Linux)

Warranty: 24 months