

Link do produktu: <https://edusfera.net/kamera-bresser-full-hd-deep-sky-i-guider-1-25-p-1051.html>

Kamera Bresser Full HD Deep-Sky i guider 1,25"

Cena	1 189,95 zł
Numer katalogowy	72321
Kod producenta	72321
Kod EAN	0643824212138
Producent	Bresser

Opis produktu

Kamera Bresser Full HD Deep-Sky i guider 1,25" Aparat do teleskopu. Zaprojektowany z myślą o astrofotografii Start now with digital astrophotography and capture the sky with the brand new Bresser Full HD Deep-Sky Camera and Guider. That's absolutely new: great camera for multiple types of astro imaging and for guiding. Not only suitable for planets but also for deep-sky objects like galaxies, nebulae and clusters. Dedicated astro imaging software ToupSky to support video preview, video record, video processing, image capture and process, dark field correction and raw data output. Easy to use but with tools of the professionals. One of the main characteristics of the new back-illuminated SONY IMX290 CMOS sensor is the high sensitivity to light which makes it possible to capture also deep-sky objects without active cooling. SONY has increased the quantum efficiency up to 77% at 533nm wavelength which is much better than other CMOS sensors could achieve in the past. Connect this camera with the build-in ST-4 port direct to your telescope mount and take pictures also with long exposures times of several minutes. Now you have always a suitable guiding star available because of the extra light-sensitive camera also at short exposure times. ST-4 connecting cable is also included. Easy automatic tracking at it's best. You can use this camera with any guiding-telescopes or off-axis-guider which accept a 1.25" barrel, 1.25" filter thread (M28.5x0.6) or C-mount adapter thread (1"x1/32"). Important notes: This is not a stand-alone guider-camera. You always need a Windows 7/8/10 computer for taking pictures and for autoguiding. The autoguider software is not included. You can use PHD Guiding, Guidedog, Metaguide, Guidemaster (freeware) or AstroArt, MaxIm DL (chargeable). Features: Allround camera with SONY IMX290 CMOS color sensor Planet and deep-sky imaging and guiding Full HD photos and videos Autoguider ST-4 compatible Professional ToupSky software and ASCOM driver included Windows 7, 8 and 10 compatible The kit includes: Full HD camera C-mount adapter USB 2.0 PC connecting cable with 200cm length Interface cable for ST-4 autoguider port with 150cm length Dust cap for camera barrel Software CD User manual Specifications: Camera type: Bresser/Touptek GPCMO502000KPA color Sensor: SONY IMX290 CMOS color, back-illuminated Image and video size, px: full HD 1936x1096 (video 15fps) Native sensor size, px: 1936x1096 Exposure times: from 66µs to 16min Binning: yes, 2x2 Megapixels: 2.1 Sensor size, mm: 5.6x3.1 Pixel size, µm: 2.9x2.9 Bit depth: 8/12 switchable ST-4 compatible autoguider: yes Camera barrel diameter: 1.25" (31.7mm) Camera connecting thread: C-mount + 1.25" filter thread Computer interface: USB 2.0 Operating system: Windows 7, 8 and 10 Additionaly: CNC machined housing made from aluminum, protection strap at camera housing