

# teleskopy.pl



Imagin Source DBK 21AU618.AS is: 

- â€¢ color USB camera without infrared filter
- â€¢ CCD 1/4 "matrix, progressive scan
- â€¢ 640x480 pixels resolution
- â€¢ up to 60 frames per second
- â€¢ exposures up to 60 minutes
- â€¢ standard C-mount and 1,25 "mounts

 Up to 60 frames per second The DBK 21AU618.AS astronomical camera allows you to take up to 60 color photos per second. It is an excellent choice for astrophotography techniques that require fast shots. Sony color CCD sensor The DBK 21AU618.AS CCD camera uses the extremely sensitive Sony ICX618AQA matrix. With a 1/4 "format, the matrix has a resolution of 640 x 480 pixels. Noise, even with long exposures, is minimal. Thanks to unsurpassed quality, the ICX618AQA matrix is â€¢often used in industrial image processing applications. No compression, no filter The DBK 21AU618.AS CCD camera does not use compression, it does not cut the infrared spectrum, it does not use a color or electronic filter. Thanks to this camera very well and realistically reproduces what can be seen in the night sky. Mount to the telescope through C-mount Fixing the camera to the spectacle hood is very easy and fits all lifts in the 1.25-inch standard. Just remove the eyepiece and insert the adapter in its place - the mounting sleeve screwed to the camera (the adapter is part of the set, you do not have to order it additionally). Now all you have to do is tighten the screws that secure the eyepiece in the extractor so that the camera does not fall out when you move / change the position of the telescope. Fast data transfer via USB The DBK 21AU618.AS astronomical camera generates a fast stream of uncompressed monochrome images. To be able to send it to a computer that supports the camera, a quick connector is necessary. That's why the camera is equipped with a USB 2.0 cable. Software included in the set for Windows This camera is supplied with camera drivers and IC Capture.AS control software. You can find more about the software [HERE](#) Technical parameters 

- â€¢ Symbol (manufacturer's mark): DBK 21AU618.AS
- â€¢ Type: color camera, working on a USB connector, without an infrared cut filter
- â€¢ Connection method to the computer: USB
- â€¢ Manufacturer: The Imaging Source
- â€¢ Matrix / sensor type: CCD
- â€¢ Type: progressive scan
- â€¢ Matrix / sensor specification: Sony ICX618AQA
- â€¢ Resolution: 640 x 480 pixels
- â€¢ Exposure time: from 1 / 10000s to 60min
- â€¢ Reinforcement: 0 - 36 dB
- â€¢ Dynamic range: 8bit
- â€¢ The number of frames per second at the maximum resolution (FPS) 60
- â€¢ Mounting the lens: C / CS mount
- â€¢ Video format at FPS: 640 x 480, Y800 at 60, 30, 15, 7.5, 3.75 fps
- â€¢ Power supply: from 4.5 to 5.5V

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through a USB cable â€¢ Power consumption: about 500mA at 5V direct current â€¢ Dimensions: 50.6mm x 50.6mm x 50mm â€¢ Weight: 265g â€¢ Working temperature range: -5 ° C to 45 ° C â€¢ Storage temperature range: -20 ° C to 60 ° C Humidity (work): 20% to 80% â€¢ Humidity (storage): 20% to 95% See what pictures can be taken with CCD cameras and even small astronomical telescopes!