

# teleskopy.pl



See what pictures can be taken with CCD cameras and even small astronomical telescopes! Up to 60 frames per second At 60 frames per second, the monochrome camera DMK 21AF04.AS for astronomical observations with a telescope is the fastest in its category. Ideally suited for black and white astrophotography enabling the registration of fast sequences of photos. Using the IC Capture.AS software included with the camera, you can capture image sequences without loss of quality and without compression, as AVI files. Monochrome Sony CCD sensor The CCD DMK 21AF04.AS camera for astronomical applications uses the ICX098BL CCD matrix from Sony. 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 ICX098BL matrix is often used in industrial image processing applications. No compression, no filter The CCD DMK 21AF04.AS 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. Fast data transfer via FireWire The Astronomical DMK 21AF04.AS 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 FireWire cable. Software included in the set for Windows This camera is supplied with the WD DCAM TIS camera driver and IC Capture.AS control software. You can find more about the software HERE Technical parameters Symbol (manufacturer's mark): DMK 21AF04.AS Type: monochrome camera, working on the FireWire connector, without an infrared cut filter Connection method to the computer: FireWire Manufacturer: The Imaging Source Matrix / sensor type: CCD Type: progressive scan Matrix / sensor specification: Sony ICX098BL (PDF) Resolution: 640 x 480 pixels Exposure time: from 1 / 10000s to 60min Reinforcement: 0 - 36 dB The number of frames per second at the maximum resolution (FPS) 60 Mounting the lens: C / CS mount Video format at FPS: 640 x 480, Y800 at 60, 30, 15, 7.5, 3.75 fps Power supply: from 8V to 30V through a FireWire cable Power consumption: about 200mA at 12V DC Dimensions: 50.6mm x 50.6mm x 50mm Weight: 265g Working temperature range: -5 ° C to 45 ° C Storage temperature range: -20 ° C to 60 ° C Humidity (work): 20% to 80% Humidity (storage): 20% to 95% Accessories (sold separately, can be

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ordered or added to the cart, or adding in the comments to the camera order) â€¢ Cable connecting two IEEE 1394 devices, length 1.80 m, price PLN 75 â€¢ Cable connecting two IEEE 1394 devices, 2 m long, with the possibility of additional power supply to FireWire connection, price 195 PLN â€¢ Power supply (only needed if the 1394 port does not provide power), AC input on the input, 12VDC / 1A DC output, input in the European standard, price PLN 250