



We are expanding the offer of professional Delta Optical microscope cameras with the latest DLT-Cam PRO cameras with C-mount. These cameras are equipped with the latest color Aptina CMOS sensors characterized by excellent parameters, such as very high sensitivity, very low noise and low power consumption. The latest CMOS sensors, compared to previously used CCDs, have significantly improved color reproduction and power consumption. This limits the heating of the camera and simplifies the power supply - enough power is available directly from the computer's USB port. Each camera is equipped with drivers and proprietary software in Polish, Delta Optical DLT-Cam Viewer, for capturing photos and video recordings from the DLT-Cam PRO camera. The software is intuitive and has great options, such as adjusting the exposure time, white balance, as well as the resolution and brightness of the image. The program also allows you to carry out measurements and has many editing functions of the obtained photos. The DLT-Cam PRO 10 MP USB 2.0 camcorder is a very high resolution camera, allowing you to record the small details of the observed preparation in the pictures. At the same time, it offers a very high speed for video recordings in 4x4 binning mode.

Technical parameters  
• sensor: Aptina CMOS MT9J003 (color)  
• sensor transducer: 1 / 2,3"  
• sensor size: 6.44 x 4.616 mm  
• pixel size: 1.67 x 1.67 micrometres  
• Sensitivity: 310 mV  
• dynamics: 65.2 dB  
• signal-to-noise ratio: 30 dB  
• maximum resolution: 3584 x 2748 pix  
• working speed: 27 FPS @ 896 x 684 pix, 8 FPS @ 1792 x 1374 pix, 1.9 FPS @ 3584 x 2748 pix  
• binning: 1x1, 2x2, 4x4  
• exposure time: 0.4 - 2000 ms  
• spectral range: 380 - 650 nm (IR filter)  
• white balance: ROI / manual  
• recorded files: photos (JPEG) / video (AVI)  
• power supply: 5VDC / 500 mA (from the USB socket)  
• cooling: passive  
• operating temperature range: -10 / + 50 degrees Celsius  
• dimensions: 58 x 58 x 36.4 mm (with C-mount)  
Elements of the set  
• camera  
• optical connector for 23.2 mm tubes  
• 30 mm and 30.5 mm adapters  
• USB power cable  
• software CD  
Warranty 2 years