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Levenhuk M500 BASE is a USB camera that allows you to take photos and record videos through virtually any microscope. It is easy to use, simply download the program from the Levenhuk CD (included) and connect to the computer with a USB cable (included). It offers the ability to transfer the image from the microscope to a desktop or laptop screen in real time. It does not require additional power supply. The camera control software also allows you to edit photos. Technical parameters: maximum resolution: 2592x1944 megapixels: 5 Diameter of the tube: 23 mm sensor: 1 / 2.5 "CMOS single pixel size: 2.2 * 2.2 μm exposure time, ms: automatically frame rate (fps): 2 @ 2592x1944 / 3 @ 2048x1536 / 5 @ 1600x1200 / 7.5 @ 1280x1024 video recording: automatic / manual dynamic range: 65.2 image format: *.jpg, *.bmp, *.png, *.tif video format output: *.wmv, *.avi, *.h264 (Win 8/10), *.h265 (Win 8/10) spectral range: 380 nm - 650 nm exposure method: ERS white balance: automatic / manual exposure adjustment: automatic / manual programmable options: image size, brightness, exposure time USB specification: USB 2.0, 480 Mb / s software: Levenhuk body: metal power supply: via USB cable temperature range: -10 + 50 ° C languages available for Windows: English, French, German, Polish, Russian, Simplified Chinese, Traditional Chinese, Turkish languages available for Mac and Linux: English system requirements: Mac OS 10.12, Linux Ubuntu 14.04, Windows XP / Vista / 7/8/10 (32bit or 64-bit), Intel Core 2 CPU or higher; RAM 2GB, USB 2.0 port, CD-ROM weight: 0.17 kg Warranty: lifetime manufacturer's warranty, 2-year shop warranty