

Microscope Eyepiece Digital Cameras Levenhuk MED Series

User Manual



Never look at the sources of bright light or lasers through the camera or the microscope, as this may cause permanent eye damage and even blindness.

The digital cameras Levenhuk MED come with Levenhuk MED microscopes. They can be installed on any type of optical microscopes, be it biological or metallurgical, mono or stereo microscope. The observed view may be transferred directly to your PC, and with the software included in the kit you can view and edit the resulting image. Features:

- Levenhuk MED Series includes cameras with resolutions ranging from 5.1 to 16 megapixels;
- The camera allows you to watch images on the screen in a real-time mode, and to capture photos and videos;
- The camera renders realistic colors with high level of detail;
- Levenhuk MED Series cameras are compatible with microscopes of 23.2mm eyepiece tube diameter;
- The standard kit includes Levenhuk software necessary to view and edit your images (brightness, image size, etc.);
- The camera can be charged and connected to your PC with USB-cable.

The correspondence table of Levenhuk MED microscopes and cameras in the kit:	73986 Levenhuk MED D10T 73990 Levenhuk MED D20T 73994 Levenhuk MED D25T	73998 Levenhuk MED D30T 74002 Levenhuk MED D35T	74006 Levenhuk MED D40T 74010 Levenhuk MED D45T
Megapixels	5.1Mpx	10Mpx	16Mpx
Max. resolution (for still images)	2048x1536px	3584x2748px	4632x3488px
Sensor	1/2.5" (5.70x4.28mm)	1/2.3" (5.98x4.59mm)	1/2.33" (6.18x4.66mm)
Pixel size	2.2x2.2µm	1.67x1.67µm	1.335x1.335µm
Frame rate	7fps at 2592x1944px 27fps at 1280x960px 90fps at 640x480px	3.3fps at 3584x2748px 11fps at 1792x1374px 38fps at 896x684px	2fps at 4632x3488px 8fps at 2320x1740px 11fps at 1536x1160px
Exposure time	0.294–2000ms	0.4–2000ms	0.2–2000ms
Spectral range	380–650nm		
Video recording	+		
Image format	*.jpg, *.bmp, *.png, *.tif		
Video format	*.wmv, *.avi		
White balance	auto/manual		
Interface	USB 2.0, 480Mb/sec.		
Power supply	DC 5V; via USB 2.0 cable		
Software features	image size, brightness, exposure time		
System requirements	Windows 7/8/10 (32-bit or 64-bit), Mac OS 10.12, Linux CPU 2.8GHz Intel Core 2 or above, RAM 2GB or more, USB port 2.0 17" or larger monitor, CD-ROM		
The kit includes	microscope digital camera with adapter (23.2mm), USB cable, installation CD with image editing software		

Levenhuk reserves the right to modify or discontinue any product without prior notice.

Care and maintenance

Never look at the sources of bright light or lasers through the camera or the microscope: it will cause PERMANENT DAMAGE TO YOUR EYES! Do not disassemble the camera on your own. Keep the camera away from moisture; do not use it in rainy weather. Keep the camera away from shock or excessive pressure. Do not overtighten the locking screws. Keep the camera away from hazardous environment, home and car heaters, incandescent lamps or open fire. When cleaning the lenses, first blow any dust or debris off the surface or wipe them off with a soft brush. Then wipe the lens with a soft cleaning cloth slightly damp with spirits or ether. Seek medical advice immediately if a small part or a battery is swallowed.