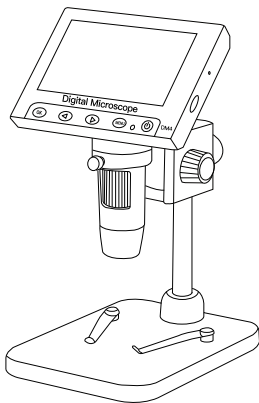# Elikliv LCD Digital Microscope

Mode:DM-04

User Manual

Customer Support:
Elikliv is dedicated to offer the best service.
To reach Elikliv customer support.Please email:
support@elikliv.com

In order to correctly use the LCD digital microscope,please read the instruction carefully.

It's very easily use and you will have a good time with this microscope.

If you have any question or concern about the digital microscope, please contact us at the following e-mail:

support@elikliv.com

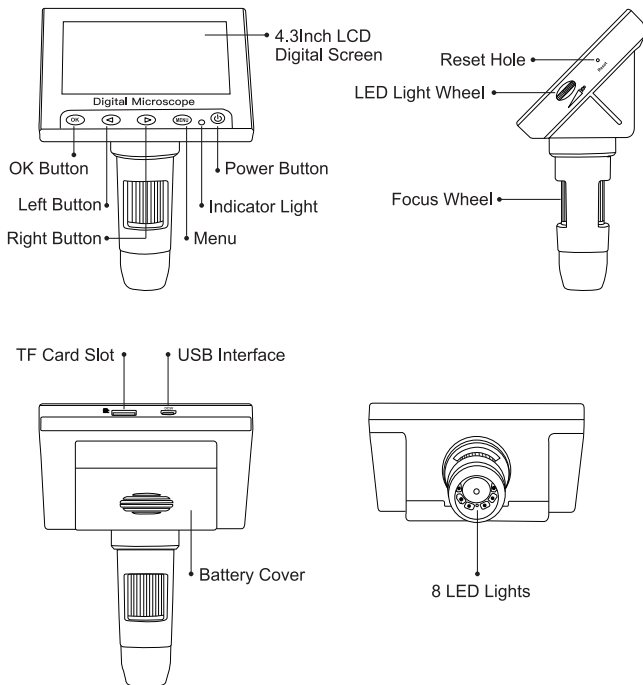All our Elikliv brand product can offer a one-year warranty and long tech support.

Notice:
1. Use 18650 size rechargeable batteries, first time to install the battery and replace the battery,please use the charger to charge the activation device.
2. The digital microscope has a lens cover to protect it from dust.Please remember to remove the lens cover when using the microscope.
3. Due to version issues, it may be slightly changed due to upgrades, which does not affect your use.

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OK Button: In the photo mode,press this key to take photos and save files automatically.In video mode,short press this key to take video and then press the key to stop and save files.When you enter a menu,you can confirm the selection by short pressing this button.

Left/Right Button: You could press this button to move your selection.

Menu Button: It's a menu and toggle button.Short press this button to enter and exit the menu.In the boot mode,long press this button for 2-3 seconds to switch modes, namely "video mode","photo mode" , "file mode" in turn.

Power Button: Turn off/on the power.

Focus Wheel: While taking pictures or videos, rotate this roller to adjust the focus and focus on the subject.You could adjust the focus to reach 500X/1000X magnification.Please notice that the shorter the object distance, the larger the magnification.

LED Light Wheel: Through this wheel you could adjust the brightness of 8 LED lights.

Reset Hole: If this microscope get stuck in,you could insert a thin object into the hole,press the button to turn off the device.

TF Card Slot: The most important thing is that you must insect a TF card in the slot before you use,and you could storage files.Maximum support 32G.

USB Interface: ① Entering the PC camera mode or hard disk memory mode via USB cable connecting your windows computers.(Mac computer don't support) ② When the power of the device is low, the charger is connected to charge the device. It is not recommended to use the device during the charging process (which will reduce the service life of the device's battery).

Indicator Light: The indicator light includes the charging indicator(red) and the working indicator (blue). The charging indicator is located above the working indicator and is displayed through the indicator light hole(number 7). After the device is connected to the USB, the charge indicator lights up. After long press the power button for 2-3 seconds to start normally, the working indicator (blue) is always on.

II.Operation Methods

Turn on the device by long pressing the power button.
Long press Menu Button to switch video/photo/file mode.

1.Mode Interface

A.Video Mode
Microscope opening is video mode.Short press the OK button to start and end up record.

B.Photo Mode
Long press the **MENU** Button to switch into the Photo Mode.Press the **OK** Button to take a photo.

C.File Mode
Long press the **MENU** Button to switch into the File Mode.And press the **Left/Right** button to look through the file you recorded.

2.Menu Interface

Short pressing **MENU** Button to enter and exit the menu interface.You could short press the **MENU** Button to switch the special menu setting to the common menu setting .

OK Button to confirm,**Left/Right** Button to move the selection.

(1) Common Menu Setting:

Format: Format the memory.

Language: Select different languages for display.

Line-assist: display and hide the "cross" line in the photo and video interface.

Auto Off: Select the appropriate time to automatically shut down the device when no one is operating.

Sys.Reset: Restore the factory settings.

Light freq: Mains frequency setting, 50Hz/60Hz optional.

Date Input: Set date/time parameters.

USB: Choose the PC Cam/Disk/Charging Mode.

Version: View the current software version.

(2) Special Menu Setting:

A.Video Menu Setting

In the video mode,short press the MENU Button to enter the video menu setting.

Size: The choice of video resolution is 720P and VGA formats.

Time Stam: When this option is enabled, the camera and video have time stamps.

Exposure Compensation: Exposure adjustment.

B.Photo Menu Setting

In the photo mode,short press the MENU Button to enter the photo menu setting.

Quality: The choice of photo resolution is 3M,2M,1.3M and VGA formats.

C.File Menu Setting

In the file mode,short press the MENU Button to enter the file menu setting.

Delete: You could choose to delete the selected content or select all to delete.

Lock/Unlock: lock or unlock the files.

3.USB Function

Device mode has PC camera mode and hard disk storage mode available for the user to choose.

(1) Disk Drive Mode

First,set the USB function to "Disk" mode in the microscope menu and press OK to end.
When connected to a computer, the device cannot perform operations, you can enter the device memory at the computer. Only the switch button LED fill light knob is valid,other buttons cannot be used.
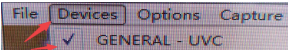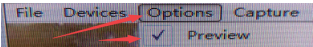
(2) PC Camera Mode

If you want to watch it from computer directly,you could choose PC Camera Mode.

① First, set the USB function to "PC camera" mode in the microscope menu and press **OK** to end. Then connecting the microscope with computer via USB cable.Then the microscope automatically enter PC Camera mode when you connect the computer.

② And only open the "amcap" software on your windows computer.If your computer don't have "Amcap"software,you could copy the software "amcap" file from CD,or download it from the Google.Then turn on "Amcap" software on the Windows Computers,as shown ,

then chose the second option and check the device name GENERAL UVC ,finally select the Preview in the

third option to display the image. In

PC mode, only the button of the machine and the potentiometer of the light supplement lamp are valid. Other keys cannot be used.

III.Technical Parameter 》》

Project	Parameter
Name	DM4
The biggest pixel	720P
Lens Optical Size	1/6.5"
Photo Resolution	VGA; 1.3M; 2M; 3M
Video Resolution	VGA; 720P
Data Format	JPG/AVI
Focusing Mode	Manual operation
Picture Format	JPG/BMP
Magnification Times	500/1000
Light Source	8 LED lights (adjustable brightness)
Focusing Range	10~40mm(to watch the distant view)
PC Resolution And Image Transfer Rate	640*480/26fps ,1280*720/26fps
White Balance	Automatic
Exposure	Automatic
PC Operating System	Windows XP, win7,win8.1,win10or higher
Support Language	12 languages
Lens Structure	2G+IR
Aperture	F4.5

Lens Perspective	16°
USB Interface	Micro/usb2.0
Operating Temperature	-20°C ~ +60°C
Working Humidity	30%~85%Rh
Operating Current	330mA
Power Consumption	1.65W
Support TF Card	Max up to 32GB