

MONOPRICE



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41x  
DIGITAL MICROSCOPE Egg

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PID 11612

**USER'S MANUAL**

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## ■ Important Information

Please read this instruction manual carefully before using this product. Retain this manual for future reference.

Information in this manual is subject to change without notice. Updated manuals will be made available on the Monoprice website.

## ■ Product Description

This product is a USB powered device which magnifies specimens up to 41x on a 17" computer monitor.

Snapshot(s) of the specimen(s) can be captured using the shutter button located on the top of the device. Video recording is also available.

## ▪ Computer Requirements

### ▪ Windows Based PCs

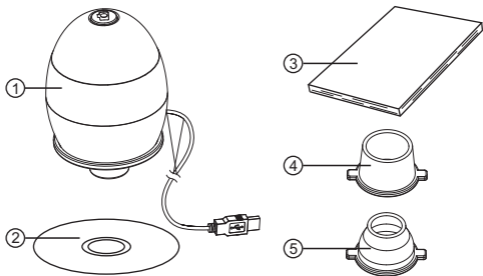
Compatible Operating Systems	Windows XP SP2, SP3 Windows Vista (32 bit or 64 bit) Windows 7 (32 bit or 64 bit) Windows 8 (32 bit or 64 bit)
CPU Speed	P4-1.8GHz or above
RAM	512 MB or above
Hard Disk	800 MB or above
USB	USB 2.0

### ▪ Mac OS X Based PCs

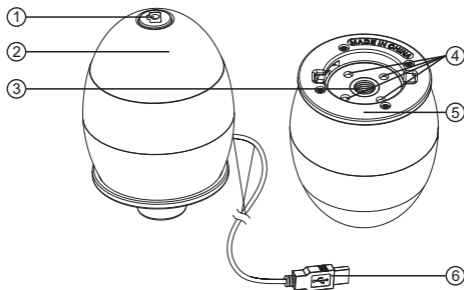
Compatible Operating Systems	Mac OS X 10.4.8 - Mac OS X 10.9.x
CPU Speed	Power PC G3/G4/G5 or Intel based
RAM	128 MB or above
Hard Disk	800 MB or above
USB	USB 2.0

## ■ Package Contents

- |                       |    |
|-----------------------|----|
| 1. Digital Microscope | x1 |
| 2. Application CD     | x1 |
| 3. User's Manual      | x1 |
| 4. Adaptor (large)    | x1 |
| 5. Adaptor (small)    | x1 |



## ■ Product Overview



1. Shutter button
2. Focusing ring
3. Lens

4. LED lights
5. Adaptor slot
6. USB cable

## ■ Product Specifications

Connection Type	USB 2.0
Effective Magnification	14" monitor - 34x 17" monitor - 41x
Effective Viewing Area	8mm x 6mm
Illumination	Four LED array
Sensor	CMOS
Sensor Resolution	640 x 480 pixels (VGA)
Size	3" x 2" x 2" (75 x 50 x 50 mm)
Weight	4.7 oz. (133 g)



## ■ Software Installation

### ■ Windows Based PCs

1. Insert the included CD into the CD-ROM drive of the computer.
2. Double click the "Digital Viewer.exe" icon located on the CD.
3. Follow the Digital Viewer setup wizard to install the application software for the Digital Microscope.

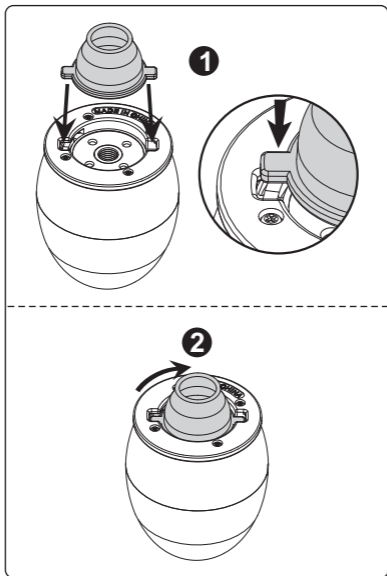


### ■ Mac OS X Based PCs

1. Insert the included CD into the CD-ROM drive of the computer.
2. Double click the "Digital Viewer.dmg" icon located within the CD.
3. Drag the Digital Viewer icon into the Applications folder.



- **Getting Started**
- **Assembling the Product**



Insert one of the adaptors into the adaptor slot and secure it in place by turning it gently in the clockwise direction.

## ■ Connecting the Device

Plug the device into a USB port of the computer.

## ■ Starting the Digital Viewer Software

### ■ Windows Based PCs

The Digital Viewer software can be launched by double clicking the Digital Viewer icon from the desktop or from the start menu (Start > All Programs > Digital Viewer > Digital Viewer).



Digital Viewer

### ■ Mac OS X Based PCs

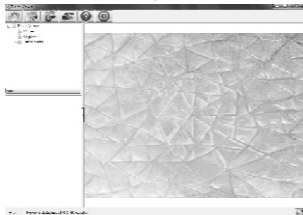
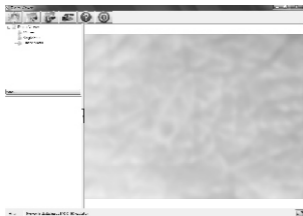
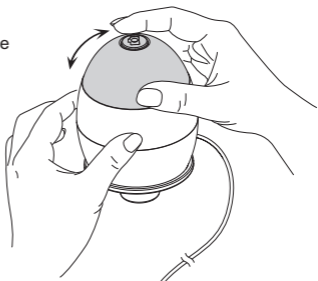
The Digital Viewer software can be launched by double clicking the Digital Viewer icon from the Applications menu.



Digital Viewer







## ■ Focusing

Adjust the focus of the image manually by rotating the focusing ring.



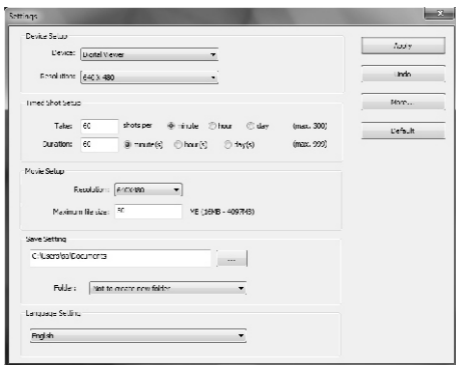
## ■ Using the Digital Viewer Software

The following buttons are available:

	Clicking this will open the <b>system settings</b> menu (see next section).
	Clicking this will <b>capture</b> the on screen image of the device.
	Clicking this will activate or deactivate the <b>timed shot</b> feature. When activated, images will be captured at a regular interval.
	Clicking this will activate or deactivate the <b>video recording</b> feature.
	Clicking this will show the copyright and version <b>information</b> of the application software.
	Clicking this will <b>shut down</b> the application software.

## ■ System Settings Menu

The first time the Digital Viewer software is started, the default settings will be loaded. You may change these settings manually in the system settings menu.



## ■ **Device Setup**

If the image captured by the Digital Microscope is not displayed by default, you can change this by selecting it from the "Device" drop-down menu.

The resolution of images you capture can be changed using the "Resolution" drop-down menu.

## ■ **Timed Shot Setup**

The frequency and duration of automatic image captures can be adjusted under this option.

## ■ **Movie Setup**

The resolution of videos you record can be changed using the "Resolution" menu. You can also set a maximum file size for each video.

## ■ **Save Setting**

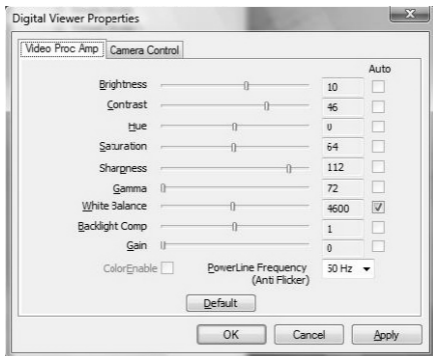
The default location for captured images or videos can be changed under this option.

## ■ **Language Setting**

The language of the Digital Viewer software can be changed under this option.

## ■ Advanced Settings

By clicking the "More..." button on the right of the system settings menu, you will be able to manually adjust all of the image settings. Note that the settings available may be different, depending on your operating system.



## ■ Saved Files

With the Digital Viewer application software opened, you can locate the saved files folder by clicking the "More..." button located on the left of the main software window.





## ■ Full Screen

To activate the full screen mode, click the full screen button located on the bottom right hand corner of the Digital Viewer application software window.

To exit full screen mode, either double click on the screen, or press the "Esc" button on the keyboard.

## ■ Uninstalling the Digital Viewer Software

### ■ Windows Based PCs

Select "Uninstall Digital Viewer" from the start menu (Start > All Programs > Digital Viewer > Uninstall Digital Viewer).

### ■ Mac OS X Based PCs

Drag the Digital Viewer application icon from the "Applications" folder to the "Trash".

## ■ Care and maintenance

- Keep the device dry and protect it from water or moisture.
- Do not leave your device in a place with an extreme high or low temperature.
- Do not touch the device with wet hands as it may damage the device or cause an electric shock to the user.
- Do not use or store the device in dusty, dirty areas as its moving parts may be damaged.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

## ■ Warnings

- Do not place the lighted Digital Microscope upon the eye, doing so may cause permanent eye damage.
- Do not attempt to open or dismantle the Digital Microscope.

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