

CARSON[®]

Zorb[™]

81x Digital Microscope

Congratulations on selecting your new Zorb[™]! In order to achieve optimum performance, please follow instructions for proper use and care.



MM-500

PRODUCT SPECIFICATION:

Magnification:	81x (on a 32" Screen)
Resolution:	1600 x 1200 Pixels
Weight:	0.19 lbs
Dimensions:	1.8" x 1.8" x 2.4"
Accessory:	2 Viewing Adapters

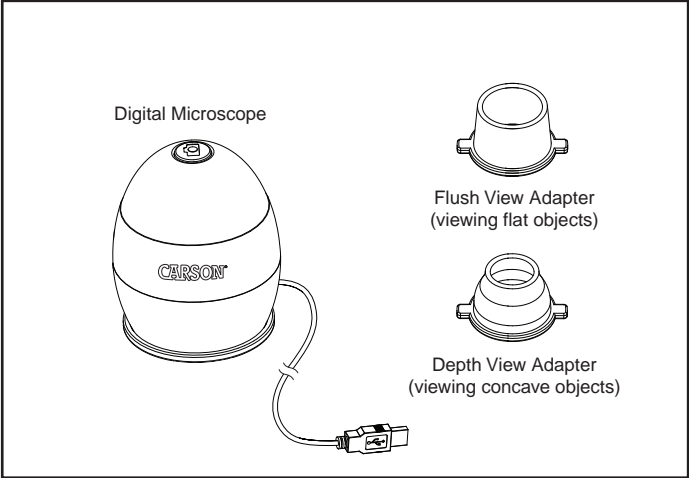
OPTICAL SPECIFICATION:

Effective Magnification*	53x @ 21" Screen
	61x @ 24" Screen
	68x @ 27" Screen
	81x @ 32" Screen
Image Sensor Format	2.0M Pixel UXGA CMOS
Image Resolution	1600 x 1200 Pixels (UXGA)
*Please note, the effective magnification is a combination of the optical system and high powered digital zoom based upon the above screen sizes.	

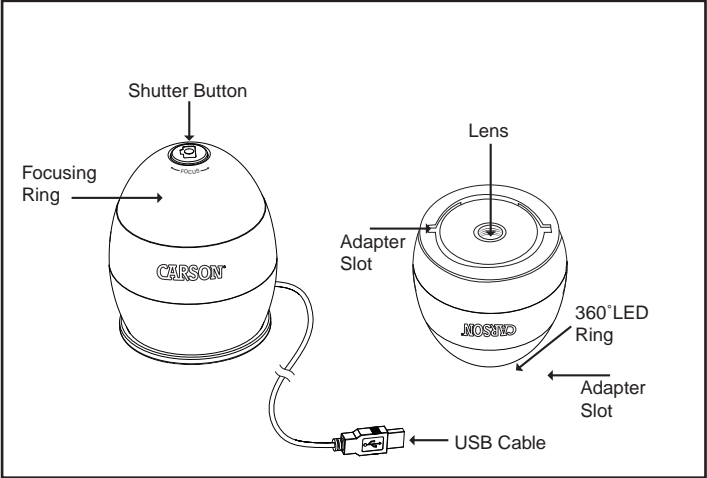
POWER RATINGS:

5V DC 250mA	USB 2.0 / 3.0
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PACKAGE CONTENTS:

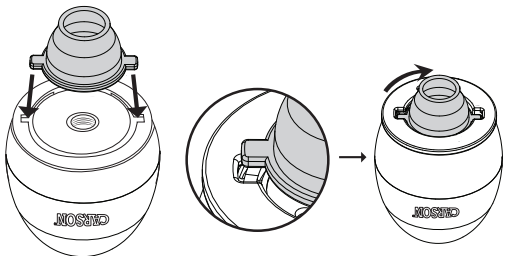


PRODUCT OVERVIEW:



ATTACHING ADAPTER TO MICROSCOPE:

To view the images clearly, please use one of the adaptors provided. Place one of the adaptors into the adapter slot located under the main body. Lock by turning adapter in a clockwise direction.



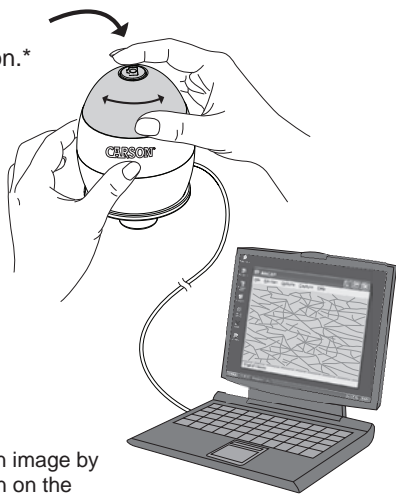
DOWNLOAD AND CONNECT THE DEVICE:

- Go to www.carson.com/software to download and install the latest Xplovview software for your operating system.
- Compatible with Mac and Windows
- USB 2.0 / 3.0 required. No batteries required.
- Connect device to a computer using the attached USB cable. The LED light will turn on indicating that the device is powered on.
- When device is connected to the computer for the first time, a driver will automatically be installed by Windows or Mac OS.

FOCUSING:








Rotate the focusing ring clockwise or counterclockwise until the viewing image shown on the monitor is clear and sharp.

To take a quick image, press the shutter button.*



*You can also capture an image by clicking the camera icon on the Xplovview Default View Screen.

USING THE XPLOVIEW SOFTWARE:

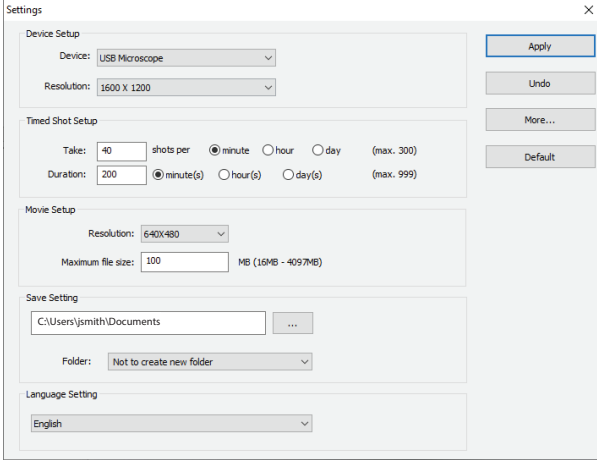
	Click to open the Xplovview settings menu (see next section).
	Click to capture an image.
	Click to start and stop the timed shot feature. When activated, images will be captured at a regular interval.
	Click to start and stop the video recording feature.
	Click to show the copyright and version information of the application software.
	Click to close the Xplovview software.
	Click to view in full screen mode . Button is on bottom right hand corner of screen. Press "Esc" to exit mode.

XPLOVIEW SETTINGS MENU:

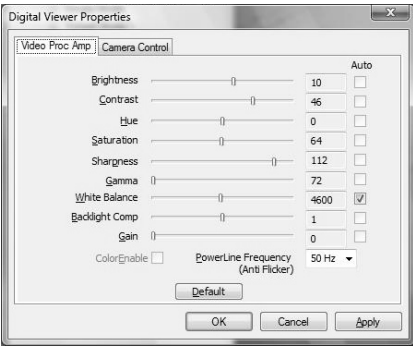
The first time the Xplovview software is started, the default settings will be loaded. You may change these settings manually in the system settings menu. Be sure to click "Apply" to save setting changes.

- **Device Setup:** If the image captured by the Digital Microscope was 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 from the "Resolution" drop-down menu.
- **Timed Shot Setup:** The frequency and duration of automatic images captured can be adjusted under this option.
- **Movie Setup:** The resolution of videos you record can be changed from 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 Xplovview software can be changed under this option.
- **"More":** By clicking "More..." on the right side of Settings Menu, you will access the Digital Viewer Properties where you can manually adjust image settings. Depending on your operating system, settings may differ. (See image on the right.)

Settings Menu

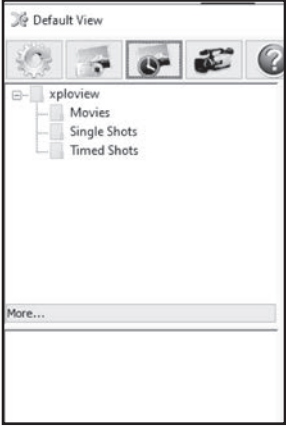


Digital Viewer Properties Menu



VIEW PHOTOS AND VIDEOS:

To view or share your captured images and videos, click "More..." on the Xplovview Default View Screen.



CARE AND MAINTENANCE:

- Keep device dry and protect from water or vapor.
- Store device in original packaging to prevent damage.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the device. Wipe with a soft cloth, using a mild soap and water solution.

WARNING:

- To avoid eye damage, do not place the lighted microscope directly upon human eye.
- Do not touch the device with wet hands as it may damage the device, or cause an electric shock to the user.
- Never attempt to open or dismantle the Digital Microscope.

Customer Service:

If you experience any difficulties, please contact us and we will be happy to help you.



✉ info@carson.com



✉ uksupport@carson.com



✉ eusupport@carson.com

For warranty information, please visit www.carson.com/warranty

www.carson.com

Carson Optical 2070 5th Avenue, Ronkonkoma, NY 11779 | Tel: 631-963-5000