CONTENTS

Before Use ....................... 3
Important information .... 3
Care and maintenance ...... 3
Warning ......................... 3
Product description ........ 3
Computer requirements ... 4

Product At A Glance ...... 5
Package contents ........... 5
Product overview .......... 5
Product specifications ...... 6

Getting Started ............. 7
Software installation ...... 7
Connecting the device ...... 7
Starting the xploview software ................. 7
Assembling the product .... 8

Basics ......................... 9
Focusing ....................... 9
Taking a snapshot ........... 10

Using the Xploview Software ........ 10–11
Button menu .................. 10
Full-screen viewing ....... 11
Image rotation / flip ...... 12
System settings menu ..... 13
Device setup ................. 14
Timed shot setup .......... 14
Movie setup ................. 14
Save setting ................. 15
Language setting .......... 15
Advanced settings ......... 15–16
Saved files ................. 17
Uninstalling the xploview software .......... 17
Before Use

Important information
Please read this instruction manual carefully before using this product, and retain for future reference.

Improvements and changes to this text necessitated by typographical errors, or improvements to the software and/or equipment, may be made at any time without notice.

Care and maintenance
• Avoid vibration, shock, and pressure (e.g., dropping the microscope).
• Keep the device dry and protect it from water or vapor.
• Do not leave your device in a place with extreme high or low temperatures.
• Do not touch the device with a wet hand 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.

Warning
• Do not place lighted Zoomy™ 2.0 upon the eye; doing so may cause permanent eye damage.
• Do not attempt to open or dismantle Zoomy™ 2.0.

Product description
• This product is a USB-powered device, which magnifies specimens up to 54x on a 17” computer monitor.
• Snapshot of the specimens can be captured using the shutter button located on the top of the device. Video recording is also available.
## Computer requirements
### Windows-based PC

| Compatible operating systems: | Windows 10 (32 bit or 64 bit)  
|                               | Windows 8 (32 bit or 64 bit)  
|                               | Windows 7 (32 bit or 64 bit)  
|                               | Windows Vista (32 bit or 64 bit)  
|                               | Windows XP SP2, SP3  
| CPU Speed:                    | P4-1.8GHz or above  
| RAM:                          | 512 MB or above  
| Hard disk:                    | 800 MB or above  
| USB:                          | USB 2.0  

### Mac OS-based PC

| Compatible operating systems: | Mac OS X 10.4.8 -  
|                               | Mac OS X 10.11.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  

Product At A Glance

Package contents

- Zoomy™ 2.0 with USB cable
- Installation CD
- Adapter (large)
- User manual
- Adapter (small)

Product Overview

1. Shutter button
2. Lens
3. Focusing ring
4. LED lights
5. Adapter slot
6. USB cable
### Product specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Connection type:</strong></td>
<td>USB 2.0</td>
</tr>
<tr>
<td><strong>Effective magnifications</strong> <em>(on a 17” monitor)</em>:</td>
<td>17” monitor - 54x</td>
</tr>
<tr>
<td><strong>Effective viewing area:</strong></td>
<td>8 x 6 mm</td>
</tr>
<tr>
<td><strong>Illumination:</strong></td>
<td>Eight LEDs</td>
</tr>
<tr>
<td><strong>Sensor:</strong></td>
<td>CMOS</td>
</tr>
<tr>
<td><strong>Maximum snapshot resolution:</strong></td>
<td>1600 x 1200 pixels (UXGA)</td>
</tr>
<tr>
<td><strong>Maximum video capturing resolution:</strong></td>
<td>640 x 480 pixels (VGA)</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>60 x 72.8 mm</td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td>131 grams</td>
</tr>
</tbody>
</table>
Getting Started

Software installation

Windows-based PC

- Insert the supplied application CD to the CD-ROM of the computer.
- Double click the "xploview.exe" icon located on the driver CD.
- Follow the xploview setup wizard to install the application software for Zoomy™ 2.0.

Mac OS-based PC

- Insert the supplied application CD to the CD-ROM of the computer.
- Double click the "xploview.dmg" icon located on the driver CD.
- Drag the xploview icon into the Applications folder.

Connecting the device

Connect the device to the computer using the USB cable provided.

When the device is connected to the computer for the first time, a driver will automatically be installed by Windows or Mac OS. This process could take up to a few minutes.

Starting the xploview software

Windows-based PC

The xploview software can be launched by double clicking the xploview icon from the desktop, or from the start menu.

Mac OS-based PC

The xploview software can be launched by double clicking the xploview icon from the Applications menu.
Assembling the product
Insert one of the adapters into the adapter slot, and fasten it by turning it gently clockwise.
Basics

Focusing

Adjust the focus of the image manually by rotating the focusing ring.
Taking a snapshot
Press the shutter button to take a snapshot.

Using the Xploview Software

Button menu
The icons on the button menu:

- Open System Settings Menu (see system settings menu on page 13).
- Capture on-screen image.
- Start and stop Timed Shot. Images will be captured at a regular interval (see Timed Shot setup on page 14 to adjust frequency and duration).
Start and stop Video Recording.

Information on the application software. This information may be helpful when updating software.

Shut down the application software.

**Full-screen viewing**
To activate the full-screen mode, click the full-screen button located on the bottom right corner of the xploview application software window.

To exit full-screen mode, either double click on the screen, or press the “Esc” button on the keyboard.
Image rotation / flip
Click < or > to rotate or flip the image.
System Settings Menu
The first time the xploview software is started, the default settings will be loaded. You may change these settings manually in the system settings menu.

Windows-based PC

![Windows-based System Settings Menu](image)

Mac OS-based PC

![Mac OS-based System Settings Menu](image)
**Device setup**
If the image captured by Zoomy™ 2.0 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.

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**Timed Shot setup**
The frequency and duration of automatic image capture can be adjusted under this option.

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**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 xploview 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.
Windows-based PC

[Image of Windows-based PC settings]

Mac OS-based PC

[Image of Mac OS-based PC settings]
Saved files
With the xploview application software opened, you can locate the saved files folder by clicking the “More...” button located on the left of the main software window.

Uninstalling the xploview software

Windows-based PC
Select “Uninstall” from the start menu (Start > All Programs > xploview >Uninstall).

Mac OS-based PC
Drag the xploview application icon from the “Applications” folder to “Trash.”
FCC compliance statement (United States only)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate this device.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the device into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.
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