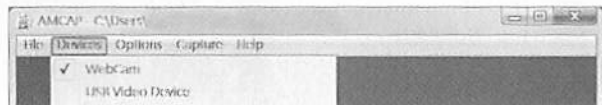


## Software Guide

1. Start zipScope program by desktop "AMCap" icon or select Start menu > Program > USB Video Device > AMCap



2. If your computer has another webcam, you can select zipScope from pull down menu "Devices"



3. In the pull down menu > option, you can select "Video Capture Filter" or "Video Capture Pin" which to set properties that you want.

4. You can double click or right click below icon for operate same function like AMCap tool.



(If icon become disable, please try to connect with another USB slot)

## How to capture photo

1. Press Capture button on zipScope, then captured image display on another pop-up windows.
2. You can click "File > save as" to save the image file as your assigned folder.



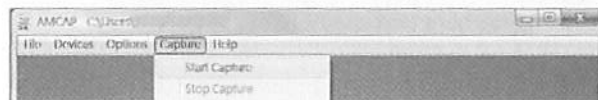
Or Double click or right click AMCap icon.



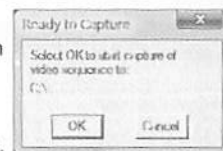
3. Choose "Snap shot" then select what size you need.
4. Save photo as JPEG or BMP format.

## How to capture video

1. Click "Capture > start capture" on the pull down menu.



2. Confirm or change the video destination folder, click OK.



3. Confirm or change the video file name.

4. Capture start, until you stop it by pull down menu "Capture > stop capture".



## Maintenance & Cleanliness

- This unit is a delicate equipment. Please handle it with care.
- Always use a dry cloth to wipe the device when necessary.
- If the lens gets dirty, clean it with a blower brush or a soft cloth moistened with a little neutral detergent. Be careful not to scratch the lens surface.
- Always replace the lens cap to avoid dust and moisture when the device is not in use.

# zipScope

## Professional Microscope

User Manual

DP-M01

2.0M Pixels,  
200x  
USB Digital Microscope



  
AVEN

Thank you for buying our professional digital microscope.

To guarantee the product function into fully play and prolong service life, please read the user manual carefully before installations. And the product should be well clean and maintained when using it.

In line with the policy of continued development, if there are any amendments on the appearance, color or assemblies, please refer to the real object. Our company reserves the right to amend on the specifications and the manual without prior notification.

## Contents

|                                  |     |
|----------------------------------|-----|
| Product Overview .....           | 1   |
| Package .....                    | 1   |
| Computer System Requirement..... | 2   |
| Specifications .....             | 2   |
| Installation .....               | 2~3 |
| Quick start guide .....          | 3   |
| Software Guide .....             | 4   |
| How to capture photo.....        | 4   |
| How to capture video .....       | 5   |
| Maintenance & Cleanliness .....  | 5   |

## Product Overview



## Package

Please check the contents before use.



## Computer System Requirement

- Microsoft Windows XP, Vista or Windows 7
- Pentium® 4 or AMD Athlon™ processor or higher
- 100MB Free hard disk space
- 512MB RAM or more
- 16Bit Color display
- USB Port
- CD or DVD ROM (Driver)

## Specifications

|                                |                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------|
| Image Sensor                   | 2.0 Mega Pixels                                                                                               |
| Video Capture Resolution       | 1600 x 1200, 1280 x 960, 800 x 600, 640 x 480, 352 x 288, 320 x 240, 176 x 144, 160 x 120                     |
| Video Capture Format           | AVI                                                                                                           |
| Still Image Capture Resolution | 3200 x 2400, 2560 x 2048, 2304 x 1728, 1600 x 1200, 1280 x 1024, 1280 x 960, 1024 x 768, 800 x 600, 640 x 480 |
| Still Image Capture Format     | JPEG, BMP                                                                                                     |
| Focus Range                    | Manual Focus From 10mm to 500mm                                                                               |
| Flicker Frequency              | 50Hz / 60Hz                                                                                                   |
| Frame Rate                     | 30fps@VGA                                                                                                     |
| Magnification Rate             | 10~50X, 200X                                                                                                  |
| Shutter Speed                  | 1 sec. to 1/1000 sec.                                                                                         |
| White Balance                  | Auto                                                                                                          |
| Exposure                       | Auto                                                                                                          |
| Light Source                   | 8 White LED                                                                                                   |
| PC Interface                   | USB 2.0                                                                                                       |
| Operation System               | Windows XP / Vista / Windows 7                                                                                |
| OSD Language                   | Multi-language                                                                                                |
| Power Supply                   | 5V DC from USB Port                                                                                           |
| Size                           | 38mm(D) x 142mm(L)                                                                                            |

## Installation

1. After connect your zipScope to computer USB slot, microsoft Windows will detect zipScope automatically.



2. Insert enclosed CD into CD-ROM drive, then installation program should be started automatically. (If installation program didn't start automatically, please browse your CD-ROM drive and execute the "Setup.exe")



3. Click "Next"



4. Click "Continue anyway" when the "Software installation" remind message appears.

5. Click "Finish" to complete the installation.



6. Now, you have installed zipScope successfully.

## Quick start guide

### Focusing

Put zipScope on the subject and turn focus adjust knob slightly to find the sharpest focus position.

### Capture Image

After focusing, you can capture image by Snap shot button. A Windows (Photo Display) will appear, you click "Save Photo" save the captured image to destination path.



Focusing



Capture Image