

SCOPEVIEW 3.0™

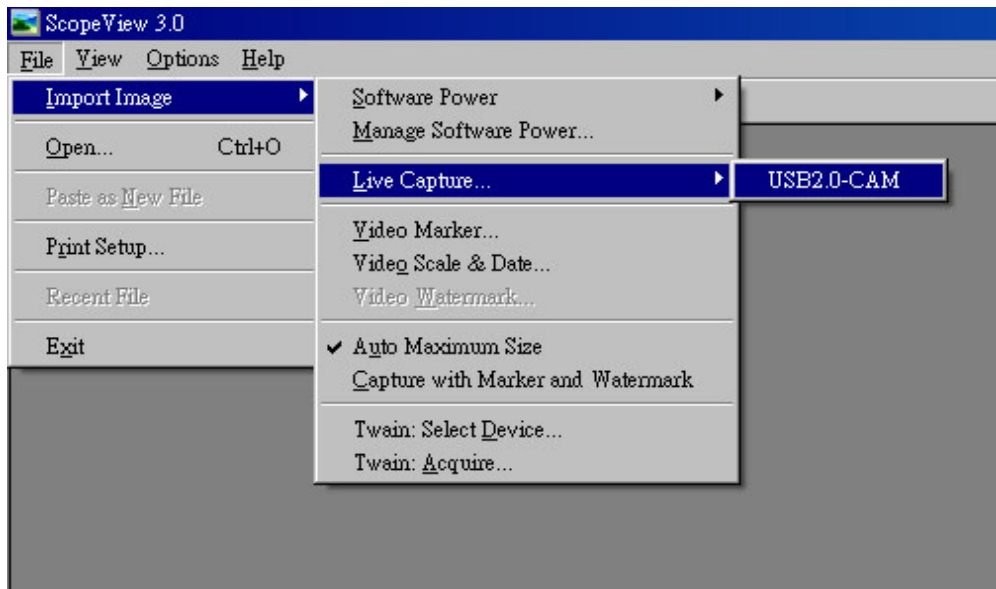
Software for USB2.0 Microscope Eyepiece Camera


GETTING STARTED

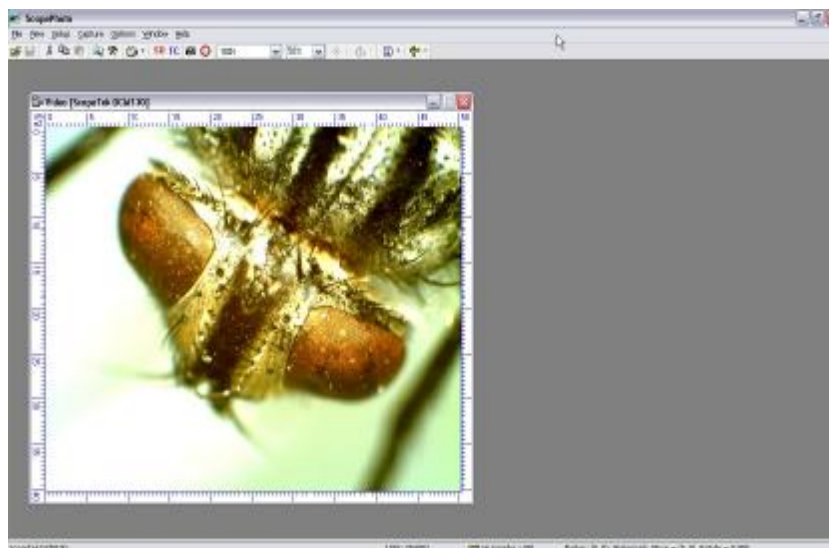
1. Getting a live image
2. Adjusting live image
3. Setting date and time on image
4. Getting a full screen image
5. Capture a single frame
6. Capture a video file

1. GETTING A LIVE IMAGE

Simply select “Import Image” from “File” menu then “Live Capture” which will highlight the USB2.0-CAM.



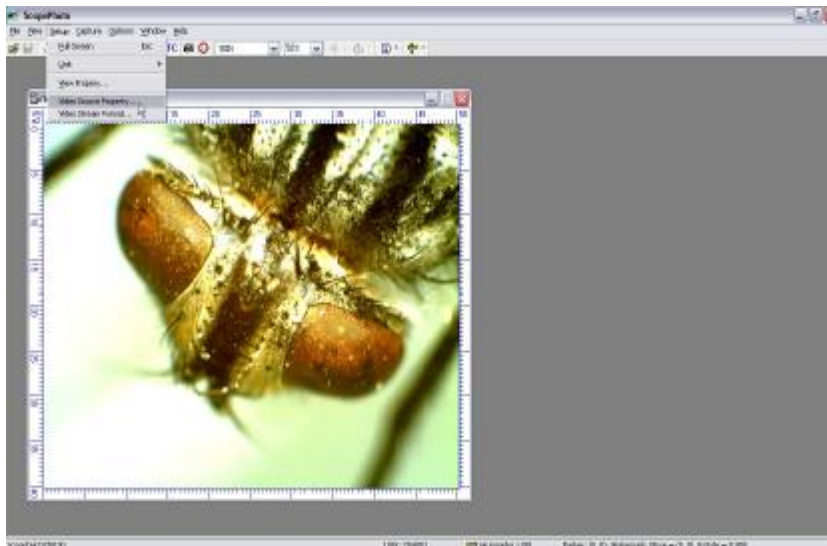
Selecting the USB2.0-CAM will open the live video window. Alternatively, you may click on toolbar icon  and select USB2.0-CAM.



It will take several seconds for the camera to adjust to light etc. At this stage you can get the image in sharp focus (if necessary) using the microscope.

2. ADJUSTING THE LIVE IMAGE

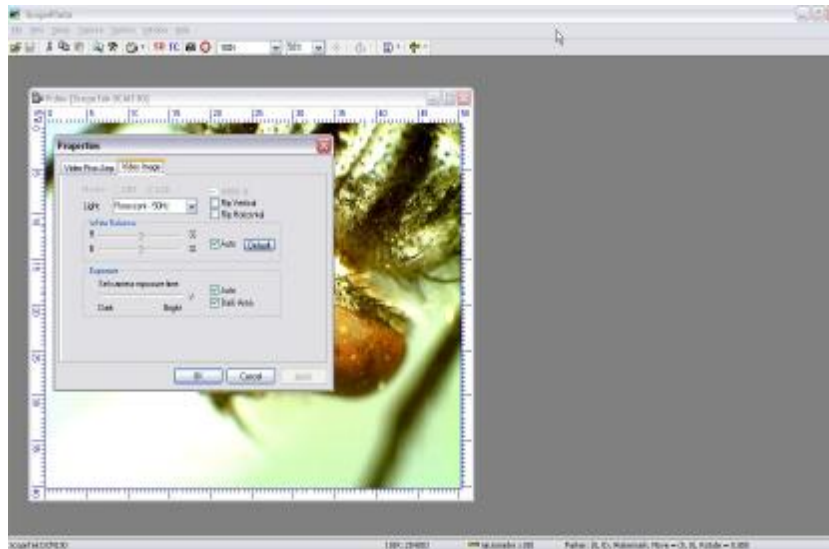
ScopeView's default video settings are set to automatic (i.e. white balance and exposure controls). In most cases these automatic settings will provide an excellent image. If adjustment is necessary the auto settings can be turned off and manual adjustments can be made. To do this select "Setup" from the menu and then select "Video Source Property".



The first window allows manual adjustment of brightness, contrast etc. To return to factory settings simply select default button. When changes are made, you will see the changes on the live image.

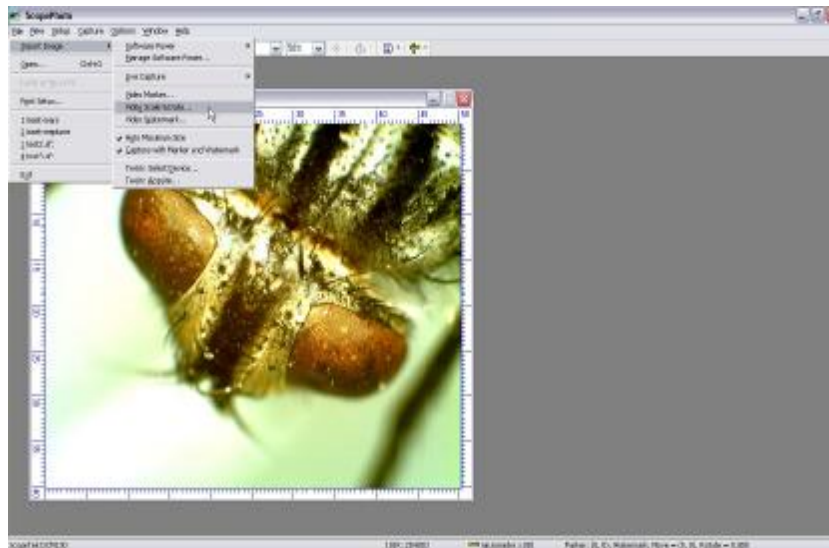


The second window allows manual adjustment of white balance and exposure. It also allows the live image to be flipped horizontally and vertically to suit the viewer. Depending on your country, select 50Hz or 60Hz for the light frequency.

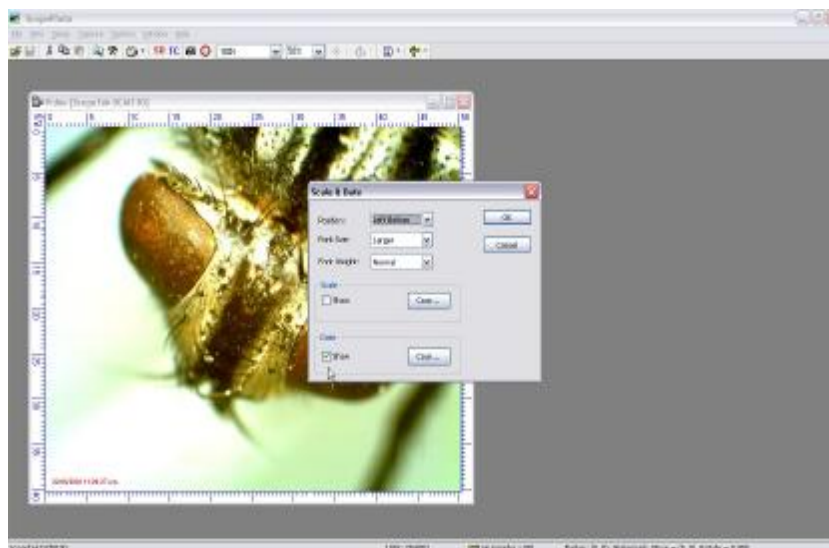


3. SET DATE AND TIME ON IMAGE

The date and time (taken from the computer's clock setting) can be setup on the live image. If an image is captured, the date and time will also be captured. Select "Import Image" from the "File" menu and then select "Video Scale and Date".



The scale and date window allows you to turn the date and time on and off as well as adjust position on the image, font size, font weight and colour.



4. GETTING A FULL SCREEN IMAGE


To view a full screen image of the live window simply press ESC. To return the view to the original position press ESC again.



5. CAPTURE A SINGLE FRAME

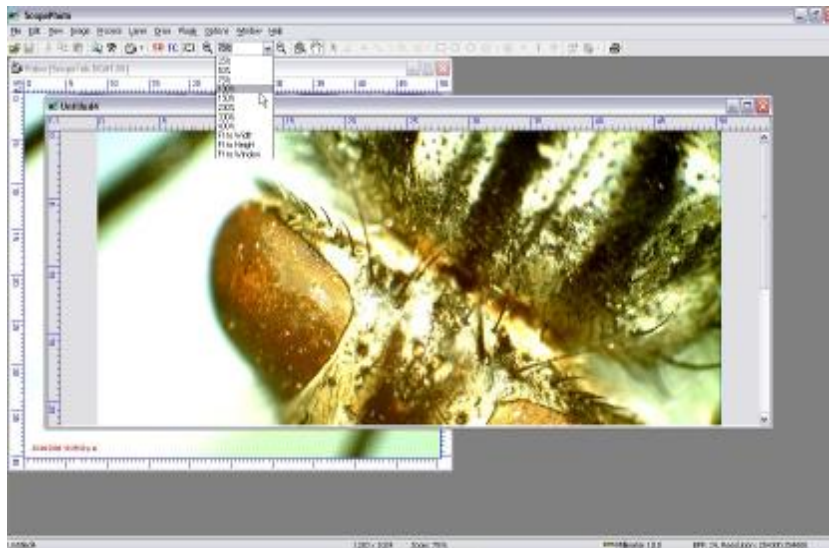
Capturing a single video frame can be done in two ways. Go to the “Capture” menu and select “Capture a Frame”.



Alternatively, clicking the “Camera” icon  will automatically capture a single video frame.



Once the image is captured you can adjust the view of the captured image.



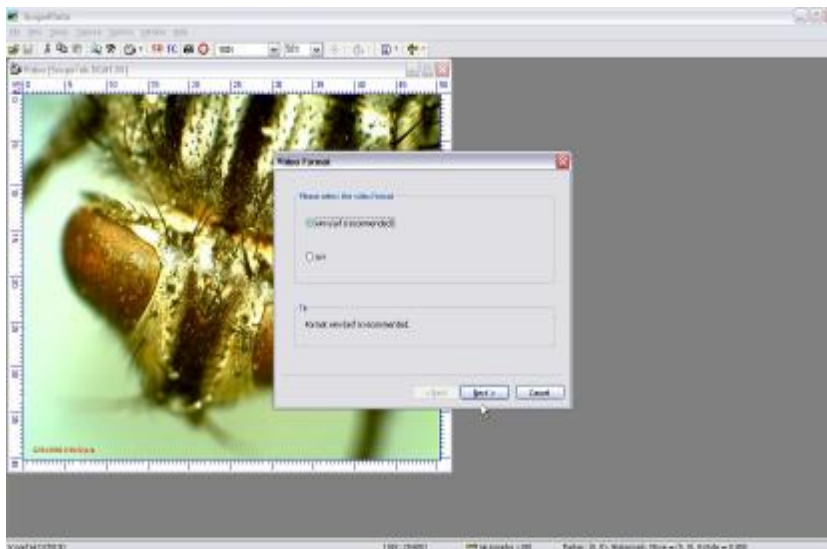
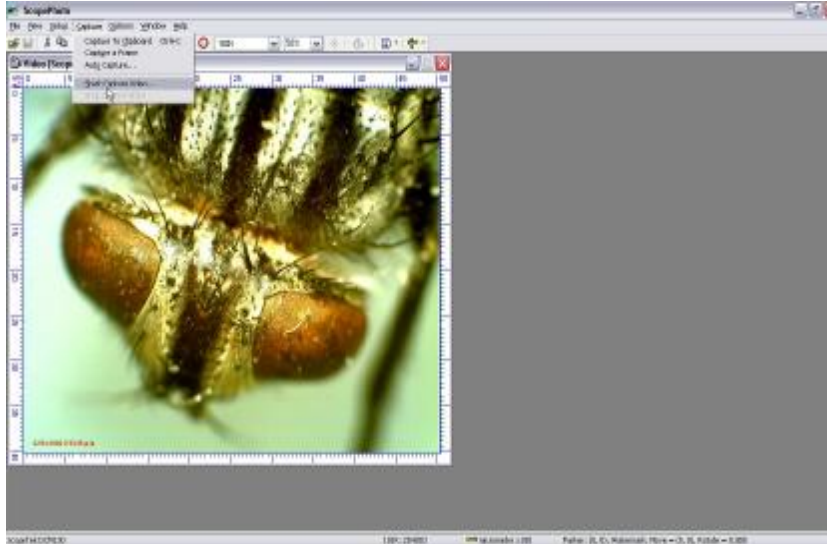
Save the image by selecting “Save As” from the “File” menu. A variety of file types are available including .bmp, .jpg, .tif.



The captured image can also be printed. Select “Print” or “Print Preview” from the “File” menu.

6. CAPTURE A VIDEO FILE

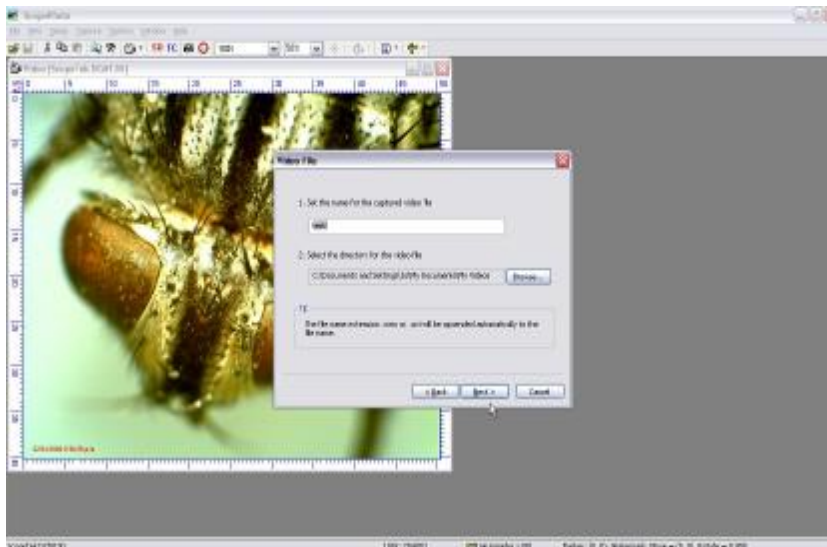
Select “Start Capture Video” from the “Capture” menu



Select the video format. Windows .wmv format is recommended but .avi format is available if preferred.

Click “Next”

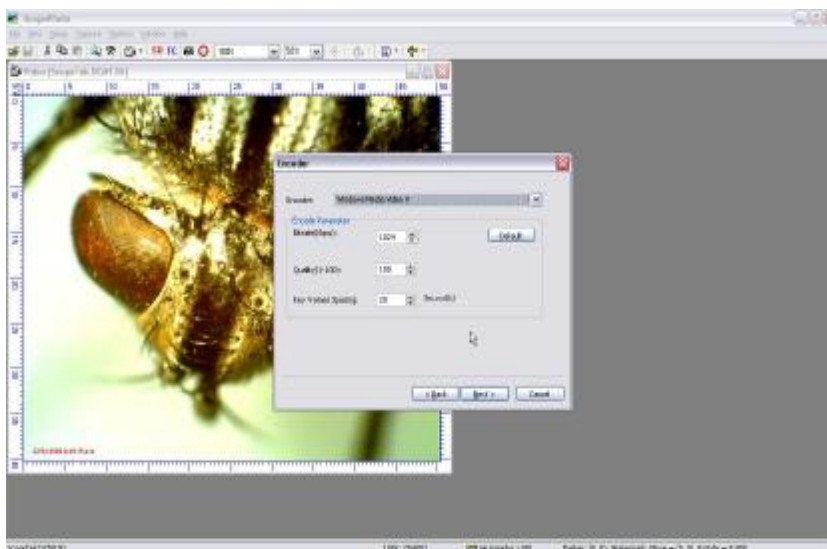
Enter a name for the video file to be captured, then select the directory/ folder where the captured file will be saved.



Click “Next”.

Select Windows Media Encoder. Later model computers running WIN2000, XP or VISTA will support “Windows Media 9 Series”. If you are unsure, check on the Microsoft website:

www.microsoft.com/windows/windowsmedia



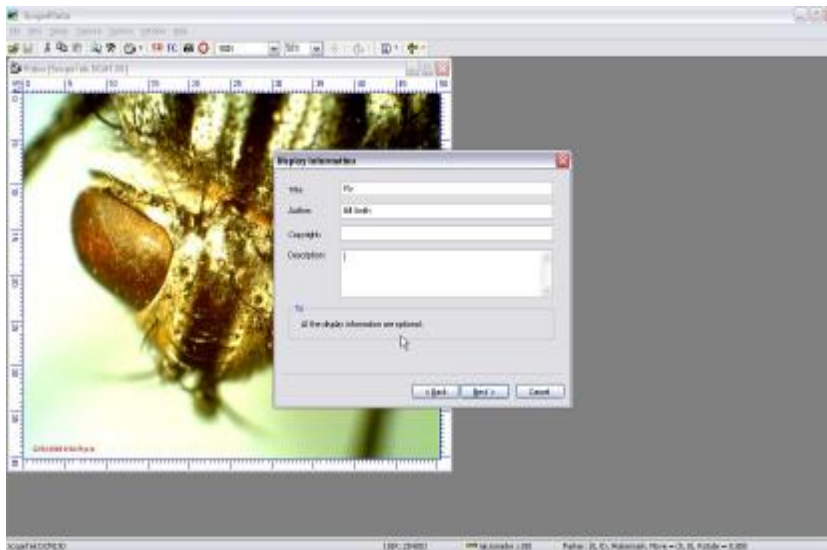
Parameters:

Bitrate (kbps):	the higher the rate, the better the quality
Quality (1-100):	quality of video - generally quality loss will only be noticeable below 70%
Key Frames Spacing:	for video editing

Note: Default parameters will provide good results for most video capture.

Click “Next”

Complete display information if required. Click “Next”.



Set time limit for capture. Capture will stop automatically at this time limit.

Click “Finish” - capture of video will commence.

Note: Capture can be stopped manually by going to the “Capture” menu and selecting “Stop Capture Video”.

Video file will be automatically saved to folder/file name setup previously.