

# Quick Start for Camera Testing

## Run “AMCAP.EXE” from the CD

In order to quickly test the camera functionality after installing the driver. The easiest way is to run a bundled program in the driver CD, [CD]:\Tools\AMCAP.exe.

To view the live video from the camera, please follow the below steps,

- In the AMCAP program, select the appropriate **video source** under “**Devices**”
- Click “**Preview**” under the “Options” to turn on **the live video mode**.
- Now you should see the live video display on the screen.
- To adjust **the video settings** for the live video, user may invoke the “**Video Capture Filter...**” dialog under the “options”. There are a few selection under this category,
  - o If you see any **flickering** on the video display, please click the “**Cancel flicker**” button to turn off the flickering.
  - o Then, user may adjust other settings to get the better video display.
  - o Hint: Under certain condition, **reducing the “Sharpness” may reduce noises** (set to value 0) that appear on the video screen because the filter tends to strengthen the noise under certain environment.
- Lastly, user may also change the **video format or size** in “**Video capture pin...**” dialog accordingly under the “options” menu.

## Advanced Camera Controls Tool

Besides, the camera also comes with an advanced camera controls tool which provides more advanced control features over the camera for **image quality enhancement**. To run the tool, start the program in [CD]:\Tools\Camtrol.exe. The faster way to adjust the camera settings for different environment, user may select the “Preset” tab, and click on the **Preset** settings button to see the effect accordingly. To adjust the camera parameters manually, just click on the other tab and adjust the settings accordingly.

For very dark environment, *Prolong Exposure Time* feature may be very useful. Also, users are advised to set lower *Gain* (1X -> 2X) if the lighting condition is good to avoid any grainy effect. For more detail guidance on the camera control, user may refer to the help menu in the control program.

## VIS Lite & MPEGRecorder

To have more image capturing and management features to be used with the camera, user needs to install the other software programs which are bundled in the same CD that provide image capturing, basic image processing and the video recording.

In order to get more options on acquiring the camera images, user may install the bundled imaging software in the CD, [CD]:\vis-lite, which allows user to capture and save in various image formats and manage the captured image. As for the Video Capturing/Recording purpose, please install another bundled software in the CD, called “MPEGRecorder”, which supports MPEG4 video format.