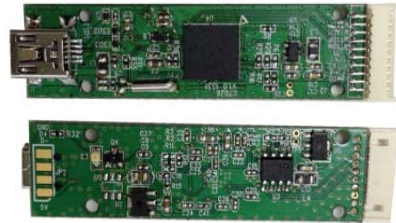
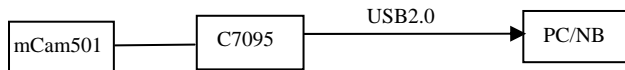


General Description

The C7095 is specially designed for micro-camera module, mCam501. It has built in a delicate DSP to interface mCam501 as well as the USB2.0 transceiver to output compressed video thru USB. It is UVC compatible and no PC driver is required for windows XP or win7/32. It also works with some Linux system.

Block Diagram

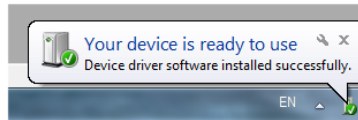
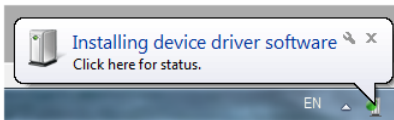


Features

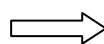
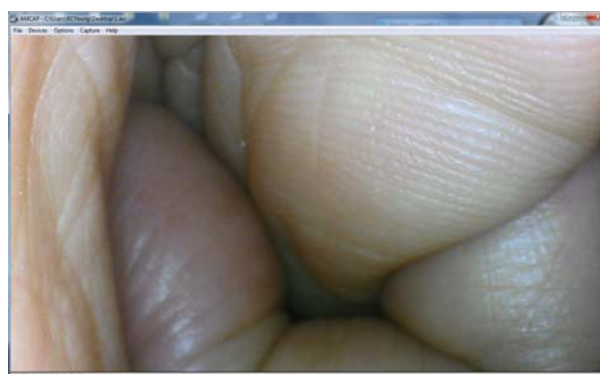
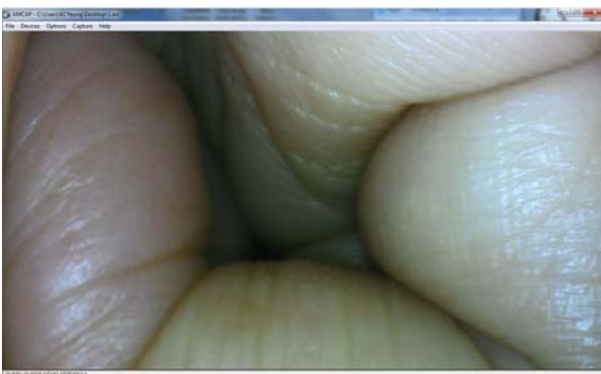
- ✚ Small in size, 15x59mm
- ✚ USB2.0 UVC device
- ✚ Plug and play, no driver required
- ✚ MJPEG video at 30fps
- ✚ Video size 640x480
- ✚ Good for winXP and win7/32
- ✚ Good for some Linux system
- ✚ Mini-USB connector
- ✚ Button for color balance
- ✚ Connector to match mCam501
- ✚ Low power consumption

Operation

1. Connect mCam501 camera to the module thru 10pin connector.
2. Plug USB cable to PC/NB
3. PC/NB will find the camera and install driver at the background. See below the dialog box



4. Once installation complete, you can use any video viewer software, select the correct device (USB Video Device) to view the real time video. Below is an example of using Amcap.exe.



After color calibration

Calibrate the color balance

1. Under specific lighting condition, place a white paper on a surface.
2. Point the camera to the white paper
3. Press key button for a second, then release, done. Camera will do color balance base on the light condition.
4. If the light condition changes, repeat step 2 to 3 and get the new color balance.

Mechanical dimensions

