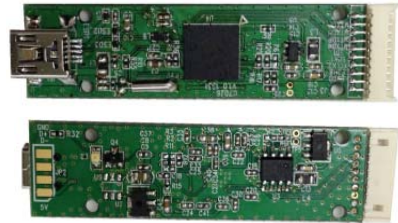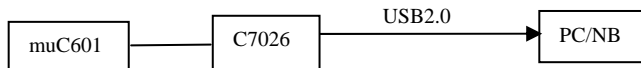COMedia Ltd.
康大科技有限公司

General Description

The C7026 is specially designed for micro-camera module, muC601. It has built in a delicate DSP to interface muC601 as well as the USB2.0 transceiver to output compressed video thru USB. It is UVC compatible and no PC driver is required.
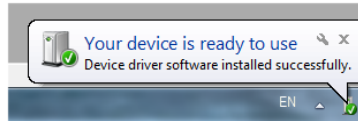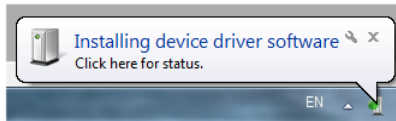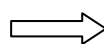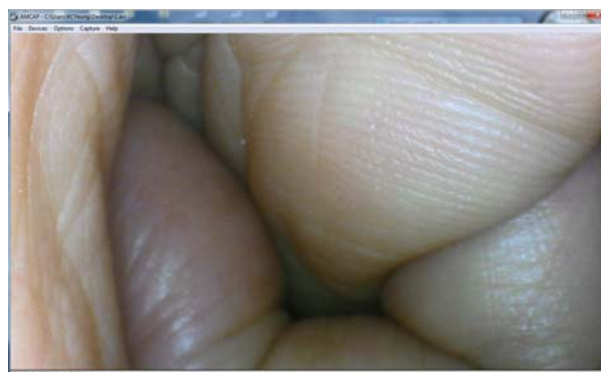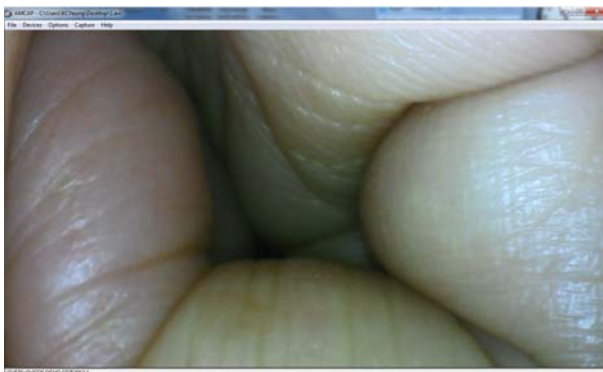
Block Diagram

muC601 → C7026 → USB2.0 → PC/NB

Features

- Small in size, 15x59mm
- USB2.0 UVC device
- Plug and play, no driver required
- MJPEG video at 30fps
- Video size 1280x720

- Good for winXP and win7/32
- Mini-USB connector
- Button for color balance
- Connector to match muC601
- Low power consumption

Operation
1. Connect muC601 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

Installing device driver software
Click here for status.

Your device is ready to use
Device driver software installed successfully.

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.

Rev 0