Camera image encoding

1. Environment preparation

This example `vio2encoder` example implements the `MIPI` camera image acquisition function, and saves it locally after encoding. Users can preview the image through the display.

The example flow chart is as follows:
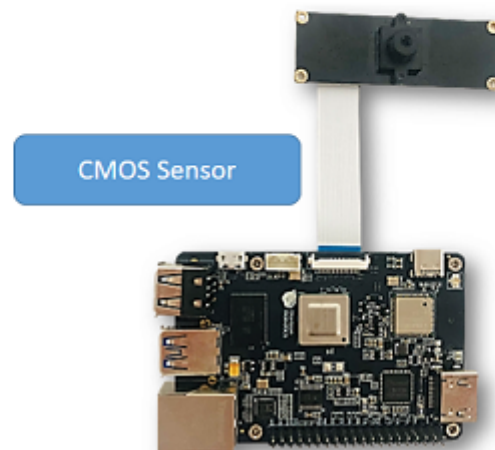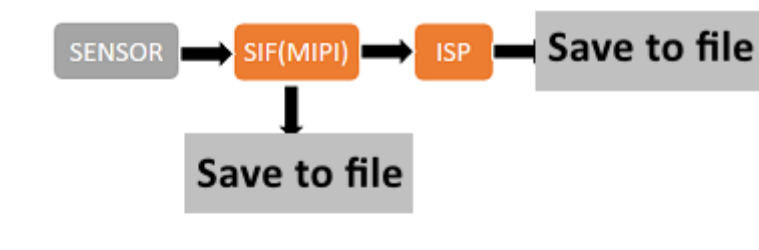
- When the development board is powered off, connect the MIPI camera to the development board (with the black side facing the HDMI port).
- Connect the development board to the monitor via an HDMI cable
- Power on the development board and log in via the command line

2. Run mode

Execute the program according to the following command. The sample code is provided in source code form and needs to be compiled and run using the `make` command.

The steps are as follows.

```
sunrise@ubuntu:~$ cd /app/cdev_demo/vio2encoder
sunrise@ubuntu:/app/cdev_demo/vio2encoder$ sudo make
sunrise@ubuntu:/app/cdev_demo/vio2encoder$ sudo ./vio2encoder -w 1920 -h 1080 --
iwidth 1920 --iheight 1080 -o test.h264
```

Parameter description:

- -w: Encoded video width
- -h: Encoded video height
- --iwidth: Sensor output width
- --iheight: Sensor output height
- -o: Encoded output path

3. Expected results

After the program runs correctly, a video file named `test.h264` will be generated in the current directory.

The running log is as follows.

```
sunrise@ubuntu:/tmp/nfs/sp_cdev/cdev_demo/vio2encoder$ sudo ./vio2encoder -w
1920 -h 1080 --iwidth 1920 --iheight 1080 -o test.h264
2023/03/28 02:27:32.560 !INFO [x3_cam_init_param][0099]Enable mipi host0 mclk
2023/03/28 02:27:32.561 !INFO [x3_cam_init_param][0099]Enable mipi host1 mclk
Camera: gpio_num=114, active=low, i2c_bus=3, mipi_host=0
Camera: gpio_num=114, active=low, i2c_bus=1, mipi_host=1
Camera: gpio_num=114, active=low, i2c_bus=0, mipi_host=2
Camera 0:
      enable: 1
      i2c_bus: 3
      mipi_host: 0
Camera 1:
      enable: 1
      i2c_bus: 1
      mipi_host: 1
Camera 2:
      enable: 1
      i2c_bus: 0
      mipi_host: 2
cmd=i2ctransfer -y -f 3 w2@0x10 0x0 0x0 r1 2>&1, result=0x02

Found sensor:imx219 on i2c bus 3, use mipi host 0
Setting VPS channel-2: src_w:1920, src_h:1080; dst_w:1920, dst_h:1080;
Setting VPS channel-1: src_w:1920, src_h:1080; dst_w:1920, dst_h:1080;
sp_open_camera success!
sp_start_encode success!
sp_module_bind(vio -> encoder) success!
```