

1.打开终端，进入程序所在目录

2. 编译

```
D:\Workspace\Demo\Terminal_Demo>c++ --version
c++ (x86_64-posix-seh-rev0, Built by MinGW-W64 project) 7.3.0
Copyright (C) 2017 Free Software Foundation, Inc.
This is free software; see the source for copying conditions. There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

D:\Workspace\Demo\Terminal_Demo>g++ SingleFrameMode.cpp -I. -L. -lqhyccd

D:\Workspace\Demo\Terminal_Demo>g++ LiveFrameSample.cpp -I. -L. -lqhyccd

D:\Workspace\Demo\Terminal_Demo>
```

3.运行

```
D:\Workspace\Demo\Terminal_Demo>sfm.exe
QHYCCD SDK Version: V20240123_14

Operation timed out or was aborted
SDK resources initialized.
Number of QHYCCD cameras found: 1
Application connected to the following camera from the list: Index: 1, cameraID = QHY5III462C-075c1647a2c1fe7b5
Open QHYCCD success.
Firmware version:2021_10_11

FPGA versio = 80-80-80-80
SetQHYCCDReadMode set to 0 success.
SetQHYCCDStreamMode set to 0 success.
InitQHYCCD success.
GetQHYCCDChipInfo:
Effective Area startX x startY: 0 x 0
Chip size width x height : 5.568 x 3.132 [mm]
Pixel size width x height : 2.900 x 2.900 [um]
Image size width x height : 1920 x 1080
SetQHYCCDBinMode set to 1x1 success.
SetQHYCCDResolution roiStartX x roiStartY: 0 x 0
SetQHYCCDResolution roiSizeX x roiSizeY : 1920 x 1080
This is a color camera.
SetQHYCCDParam CONTROL_TRANSFERBIT set to 16 success.
SetQHYCCDParam CONTROL_EXPOSURE set to 100ms success.
SetQHYCCDParam CONTROL_GAIN set to 30 success.
SetQHYCCDParam CONTROL_OFFSET set to 30 success.
SetQHYCCDParam CONTROL_USBTRAFFIC set to 30 success.
Allocated memory for frame: 9534400 [uchar].
ExpQHYCCDSingleFrame success.
GetQHYCCDSingleFrame: 1920 x 1080, bpp: 16, channels: 1, success.
Close QHYCCD success.
SDK resources released.

D:\Workspace\Demo\Terminal_Demo>
```