预编译例程使用说明

版本号: V1.1 发布时间: 20241204

预编译例程使用说明

Python SDK (Linux) 预编译例程 文件说明 运行例程 Python SDK (Win) 预编译例程 文件说明 运行例程 C# SDK (Win) 预编译例程 文件说明 运行 DisplayWithOpenCVDemo_.Net4.5.2_OpenCVSharp3 运行 DisplayWithOpenCVDemo_.Net4.8_OpenCVSharp4.0 运行 FetchFrameUIDemo 运行常规例程

Python SDK (Linux) 预编译例程

文件说明

图漾提供的 Python SDK (Linux) 预编译例程存放在 linux_x64_bin\PYTH0N38 目录下。

| > linux_x64_bin > PYTHON38 | | | | |
|----------------------------|------------------|------------|----------|--|
| 名称 ^ | 修改日期 | 类型 | 大小 | |
| pcammls.so | 2024/11/29 14:23 | SO 文件 | 4,267 KB | |
| frame_fetch.py | 2024/11/29 14:23 | Python 源文件 | 6 KB | |
| frame_fetchIR.py | 2024/11/29 14:23 | Python 源文件 | 3 KB | |
| 💿 frame_isp.py | 2024/11/29 14:23 | Python 源文件 | 3 KB | |
| frame_registration.py | 2024/11/29 14:23 | Python 源文件 | 6 KB | |
| frame_trigger.py | 2024/11/29 14:23 | Python 源文件 | 3 KB | |
| 📄 libtycam.so | 2024/11/29 14:23 | SO 文件 | 2,224 KB | |
| libtycam.so.3.6.66 | 2024/11/29 14:23 | 66 文件 | 2,224 KB | |
| multidevice_fetch.py | 2024/11/29 14:23 | Python 源文件 | 3 KB | |
| parameter_settings.py | 2024/11/29 14:23 | Python 源文件 | 4 KB | |
| 🖻 pcammls.py | 2024/11/29 14:23 | Python 源文件 | 337 KB | |
| point3d_fetch.py | 2024/11/29 14:23 | Python 源文件 | 4 KB | |
| | | | | |

• _pcammls.so : 共享对象文件。

- libtycam.so : 共享对象文件。
- libtycam.so.3.6.66 : 共享对象文件。
- pcammls.py : Python 接口文件。
- frame_fetch.py : 该例程用于设置相机在自由采集模式下采集深度图和彩色图。
- frame_fetchIR.py : 该例程用于设置相机在自由采集模式下采集灰度图。
- **frame_isp.py**: 该例程用于对彩色图进行软件层面上的 ISP 后处理,可将存在偏色的 RAW BAYER 图像处理成正常色彩空间的彩色图。
- frame_registration.py : 该例程用于采集 RGB-D 对齐图像,对齐模式可选。
- frame_trigger.py : 该例程用于设置相机工作在软触发模式下采集深度图。
- multidevice_fetch.py : 该例程用于设置所有与上位机连接的相机同时采集深度图。
- parameter_settings.py : 该例程用于设置不同数据类型的参数。例程中展示了如何关闭 RGB AEC (布尔型参数)、设置曝光时间(整型参数),以及设置图像分辨率和格式(枚举型参数)。
- **point3d_fetch.py**: 该例程用于采集 3D 点云, Log 信息显示点云个数和中心点云坐标(X,Y,Z)。

运行例程

1. 检查运行环境是否满足:

- o 本地电脑系统是 Linux X64。
- 本地 Python 版本为 3.8,已安装 NumPy 和 OpenCV。
- 2. 进入 linux_x64_bin\PYTHON38 路径下并运行目标例程文件。
 - 以 frame_fetch.py 为例,运行步骤如下:
 - a.输入命令 python3 frame_fetch.py 并运行。

b. 选择相机对应的序号并回车,相机便开始采图。

| :~/linux_x64_bin/PYTHON38\$ python3 frame_fetch.py | |
|--|----|
| 1724311679147 (2024-08-22 15:27:59) - lib version: 3.6.51 | |
| 1724311679147 (2024-08-22 15:27:59) Update interface list | |
| 1724311679148 (2024-08-22 15:27:59) Got 2 interface list | |
| 1724311679148 (2024-08-22 15:27:59) Found interface 0: | |
| 1724311679148 (2024-08-22 15:27:59) name: Dpb | |
| 1724311679148 (2024-08-22 15:27:59) id: usb-dpb | |
| 1724311679148 (2024-08-22 15:27:59) type: 0x2 | |
| 1724311679148 (2024-08-22 15:27:59) Found interface 1: | |
| 1724311679148 (2024-08-22 15:27:59) name: eth-f4:8e:38:da:69:fa | |
| 1724311679148 (2024-08-22 15:27:59) id: eth-f4:8e:38:da:69:faab06a8c0 | |
| 1724311679148 (2024-08-22 15:27:59) type: 0x4 | |
| 1724311679148 (2024-08-22 15:27:59) MAC: f4:8e:38:da:69:fa | |
| 1724311679148 (2024-08-22 15:27:59) ip: 192.168.6.171 | |
| 1724311679148 (2024-08-22 15:27:59) netmask: 255.255.25.0 | |
| 1724311679148 (2024-08-22 15:27:59) gateway: | |
| 1724311679148 (2024-08-22 15:27:59) broadcast: 192.168.6.255 | |
| 1724311682157 (2024-08-22 15:28:02) *** Select 207000151358 on eth-f4:8e:38:da:69:faab06a8c0, ip 192.168.6.1 | 55 |
| 1724311682157 (2024-08-22 15:28:02) *** Select 207000149624 on eth-f4:8e:38:da:69:faab06a8c0, ip 192.168.6.9 | 4 |
| 1724311682157 (2024-08-22 15:28:02) *** Select 207000150958 on eth-f4:8e:38:da:69:faab06a8c0, ip 192.168.6.1 | 37 |
| 1724311682157 (2024-08-22 15:28:02) *** Select 207000146821 on eth-f4:8e:38:da:69:faab06a8c0, ip 192.168.6.1 | 77 |
| 1724311682157 (2024-08-22 15:28:02) *** Select 207000150309 on eth-f4:8e:38:da:69:faab06a8c0, ip 192.168.6.1 | 37 |
| 1724311682157 (2024-08-22 15:28:02) *** Select 207000145957 on eth-f4:8e:38:da:69:faab06a8c0, ip 192.168.6.1 | 14 |
| 1724311682157 (2024-08-22 15:28:02) *** Select 207000150567 on eth-f4:8e:38:da:69:faab06a8c0, ip 192.168.6.1 | 31 |
| 1724311682157 (2024-08-22 15:28:02) *** Select 207000151373 on eth-f4:8e:38:da:69:faab06a8c0, ip 192.168.6.1 | 12 |
| 1724311682157 (2024-08-22 15:28:02) *** Select 207000151696 on eth-f4:8e:38:da:69:faab06a8c0, ip 192.168.6.1 | 58 |
| 1724311682157 (2024-08-22 15:28:02) *** Select 207000151303 on eth-f4:8e:38:da:69:faab06a8c0, ip 192.168.6.1 | 36 |
| 0 207000151358 eth-f4:8e:38:da:69:faab06a8c0 | |
| 1 207000149624 eth-f4:8e:38:da:69:faab06a8c0 | |
| 2 207000150958 eth-f4:8e:38:da:69:faab06a8c0 | |
| 3 207000146821 eth-f4:8e:38:da:69:faab06a8c0 | |
| 4 207000150309 eth-f4:8e:38:da:69:faab06a8c0 | |
| 5 207000145957 eth-f4:8e:38:da:69:faab06a8c0 | |
| 6 207000150567 eth-f4:8e:38:da:69:faab06a8c0 | |
| 7 207000151373 eth-f4:8e:38:da:69:faab06a8c0 | |
| 8 207000151696 eth-f4:8e:38:da:69:faab06a8c0 | |
| 9 207000151303 eth-f4:8e:38:da:69:faab06a8c0 | |
| select a device 8 | |

Python SDK (Win) 预编译例程

文件说明

图漾提供的 Python SDK (Windows) 预编译例程存放在 win_x64_bin\PYTH0N38 目录下。

| → win_x64_bin → PYTHON38 | |
|--------------------------|--|
|--------------------------|--|

| 名称 ^ | 修改日期 | 类型 | 大小 |
|-----------------------|------------------|------------|----------|
| | 2024/11/29 14:26 | PYD 文件 | 2,430 KB |
| frame_fetch.py | 2024/7/24 11:15 | Python 源文件 | 6 KB |
| frame_fetchIR.py | 2024/7/24 11:15 | Python 源文件 | 3 KB |
| 💿 frame_isp.py | 2024/7/24 11:15 | Python 源文件 | 3 KB |
| frame_registration.py | 2024/11/29 14:24 | Python 源文件 | 6 KB |
| 💿 frame_trigger.py | 2024/7/24 11:15 | Python 源文件 | 3 KB |
| multidevice_fetch.py | 2024/7/24 11:15 | Python 源文件 | 3 KB |
| parameter_settings.py | 2024/11/25 16:29 | Python 源文件 | 4 KB |
| 💿 pcammls.py | 2024/11/29 14:26 | Python 源文件 | 347 KB |
| point3d_fetch.py | 2024/7/24 11:15 | Python 源文件 | 5 KB |
| 🚳 tycam.dll | 2024/11/25 17:45 | 应用程序扩展 | 1,551 KB |

- _pcammls.pyd : 动态链接库。
- tycam.dll: 动态链接库。
- pcammls.py : Python 接口文件。
- frame_fetch.py : 该例程用于设置相机在自由采集模式下采集深度图和彩色图。
- frame_fetchIR.py : 该例程用于设置相机在自由采集模式下采集灰度图。
- **frame_isp.py**: 该例程用于对彩色图进行软件层面上的 ISP 后处理,可将存在偏色的 RAW BAYER 图像处理成正常色彩空间的彩色图。
- frame_registration.py : 该例程用于采集 RGB-D 对齐图像,对齐模式可选。
- frame_trigger.py : 该例程用于设置相机工作在软触发模式下采集深度图。
- multidevice_fetch.py : 该例程用于设置所有与上位机连接的相机同时采集深度图。
- parameter_settings.py: 该例程用于设置不同数据类型的参数。例程中展示了如何关闭 RGB AEC(布尔型参数)、设置曝光时间(整型参数),以及设置图像分辨率和格式(枚举型参数)。
- **point3d_fetch.py**: 该例程用于采集 3D 点云, Log 信息显示点云个数和中心点云坐标(X,Y,Z)。

运行例程

1. 检查运行环境是否满足:

- 本地电脑系统是 Windows X64。
- 本地 Python 版本为 3.8,已安装 NumPy 和 OpenCV。
- 2. 进入 win_x64_bin\PYTH0N38 路径下并运行目标例程文件。
 - 以 frame_fetch.py 为例,运行步骤如下:
 - a.输入命令 python.exe .\frame_fetch.py 并运行。

b. 选择相机对应的序号并回车,相机便开始采图。

| PS C:\win_x64_bin\PYTHON3 | 8> python.exe .\frame fetch.py |
|---------------------------|--|
| 1724311104643 (2024-08-22 | 15:18:24) - Lib version: |
| 1724311104643 (2024-08-22 | 15:18:24) Update interface list |
| 1724311104658 (2024-08-22 | 15:18:24) Got 2 interface list |
| 1724311104658 (2024-08-22 | 15:18:24) Found interface 0: |
| 1724311104658 (2024-08-22 | 15:18:24) name: Dpb |
| 1724311104658 (2024-08-22 | 15:18:24) id: usb-dpb |
| 1724311104658 (2024-08-22 | 15:18:24) type: 0x2 |
| 1724311104658 (2024-08-22 | 15:18:24) Found interface 1: |
| 1724311104658 (2024-08-22 | 15:18:24) name: eth-88-a4-c2-b1-35-e3 |
| 1724311104658 (2024-08-22 | 15:18:24) id: eth-88-a4-c2-b1-35-e3a406a8c0 |
| 1724311104658 (2024-08-22 | 15:18:24) type: 0x4 |
| 1724311104658 (2024-08-22 | 15:18:24) MAC: 88-a4-c2-b1-35-e3 |
| 1724311104658 (2024-08-22 | 15:18:24) ip: 192.168.6.164 |
| 1724311104658 (2024-08-22 | 15:18:24) netmask: 255.255.25.0 |
| 1724311104658 (2024-08-22 | 15:18:24) gateway: |
| 1724311104658 (2024-08-22 | 15:18:24) broadcast: 192.168.6.255 |
| 1724311107686 (2024-08-22 | 15:18:27) *** Select 207000151358 on eth-88-a4-c2-b1-35-e3a406a8c0, ip 192.168.6.155 |
| 1724311107686 (2024-08-22 | 15:18:27) *** Select 207000149624 on eth-88-a4-c2-b1-35-e3a406a8c0, ip 192.168.6.94 |
| 1724311107686 (2024-08-22 | 15:18:27) *** Select 207000151373 on eth-88-a4-c2-b1-35-e3a406a8c0, ip 192.168.6.112 |
| 1724311107686 (2024-08-22 | 15:18:27) *** Select 207000146821 on eth-88-a4-c2-b1-35-e3a406a8c0, ip 192.168.6.177 |
| 1724311107686 (2024-08-22 | 15:18:27) *** Select 207000150309 on eth-88-a4-c2-b1-35-e3a406a8c0, ip 192.168.6.187 |
| 1724311107686 (2024-08-22 | 15:18:27) *** Select 207000150567 on eth-88-a4-c2-b1-35-e3a406a8c0, ip 192.168.6.181 |
| 1724311107686 (2024-08-22 | 15:18:27) *** Select 207000151696 on eth-88-a4-c2-b1-35-e3a406a8c0, 1p 192.168.6.168 |
| 1724311107686 (2024-08-22 | 15:18:27) *** Select 207000150958 on eth-88-a4-c2-b1-35-e3a406a8c0, 1p 192.168.6.137 |
| 1724311107686 (2024-08-22 | 15:18:27) *** Select 207000145957 on etn-88-a4-c2-b1-35-e3a406a8c0, 1p 192.168.6.114 |
| 1724311107686 (2024-08-22 | 15:18:27) *** Select 207000151303 on eth-88-a4-c2-b1-35-e3a406a8c0, 1p 192.168.6.186 |
| | eth-oo-a+-c2-D1-33-e3a400a0c0 |
| 1 = 207000149024 | eth-00-34-C2-D1-33-E3440040C0 -+00 |
| | eth-80-34-C2-D1-35-E3440088C0 -+90-2-10-2-E-2-4008800 |
| | |
| 4 = 207000150509 | |
| 6 207000151696 | |
| 7 207000151090 | |
| 8 207000145957 | |
| 9 207000151303 | |
| select a device 0 | |
| | |

C# SDK (Win) 预编译例程

文件说明

| win_x64_bin > CSHARP > | | | |
|-------------------------------|------------------|---------------------|----------|
| へ 名称 | 修改日期 | 类型 | 大小 |
| BisplayWithOpenCVDemoNet4.5.2 | 2024/7/22 10:08 | 文件夹 | |
| BisplayWithOpenCVDemoNet4.8_O | 2024/7/22 10:09 | 文件夹 | |
| FetchFrameUIDemo | 2024/7/24 15:35 | 文件夹 | |
| fetch_frame_cs.exe | 2024/11/29 14:29 | 应用程序 | 11 KB |
| <pre>fetch_IR_cs.exe</pre> | 2024/11/29 14:29 | 应用程序 | 9 KB |
| <pre>fetch_ISP.exe</pre> | 2024/11/29 14:29 | 应用程序 | 9 KB |
| fetch_point3d_cs.exe | 2024/11/29 14:29 | 应用程序 | 6 KB |
| fetch_registration_cs.exe | 2024/11/29 14:29 | 应用程序 | 11 KB |
| fetch_trigger_cs.exe | 2024/11/29 14:29 | 应用程序 | 9 KB |
| offline_reconnection_cs.exe | 2024/11/29 14:29 | 应用程序 | 5 KB |
| parameter_settings_cs.exe | 2024/11/29 14:29 | 应用程序 | 7 KB |
| 🚳 pcammls.dll | 2024/11/29 14:29 | 应用程序扩展 | 1,138 KB |
| 聲 pcammls.exp | 2024/11/29 14:29 | Exports Library | 233 KB |
| 🏙 pcammls.lib | 2024/11/29 14:29 | Object File Library | 385 KB |
| 🚳 pcammls_cs.dll | 2024/11/29 14:29 | 应用程序扩展 | 280 KB |
| 🚳 tycam.dll | 2024/11/25 17:45 | 应用程序扩展 | 1,551 KB |

- **DisplayWithOpenCVDemo_.Net4.5.2_OpenCVSharp3**: 该例程基于 Visual Studio 软件编译, 要求 .Net 版本 ≥ 4.5.2。该例程设置相机在自由采集模式下采集深度图和彩色图。
- **DisplayWithOpenCVDemo_.Net4.8_OpenCVSharp4.0**: 该例程基于 Visual Studio 软件编译, 要求 .Net 版本 ≥ 4.8。该例程设置相机在自由采集模式下采集深度图和彩色图。
- **FetchFrameUIDemo**: 该例程基于 Visual Studio 软件编译,生成 UI 界面,可设置相机在自由采 集模式下采集深度图和彩色图。
- fetch_frame.cs.exe : 该例程用于设置相机在自由采集模式下采集深度图和彩色图。
- fetch_IR.cs.exe : 该例程用于设置相机在自由采集模式下采集灰度图。
- **fetch_ISP.exe**: 该例程用于对彩色图进行软件层面上的 ISP 后处理,可将存在偏色的 RAW BAYER 图像处理成正常色彩空间的彩色图。
- fetch_point3d.cs.exe: 该例程用于采集 3D 点云, Log 信息显示点云个数和中心点云坐标 (X,Y,Z)。
- fetch_registration.cs.exe : 该例程用于采集 RGB-D 对齐图像,对齐模式可选。
- fetch_trigger.cs.exe : 该例程用于设置相机工作在软触发模式下采集深度图。
- offline_reconnection_cs.exe: 该例程用于处理因环境不稳定等因素造成的数据连接异常, 并实现相机离线重连。
- parameter_settings_cs.exe: 该例程用于设置不同数据类型的参数。例程中展示了如何关闭 RGB AEC(布尔型参数)、设置曝光时间(整型参数),以及设置图像分辨率和格式(枚举型参数)。
- pcammls.dll : 动态链接库。
- pcammls.exp : 中间文件。
- pcammls.lib : 依赖库。
- pcammls_cs.dll : 动态链接库。
- tycam.dll: 动态链接库。

运行 DisplayWithOpenCVDemo_.Net4.5.2_OpenCVSharp3

- 1. 确保本地运行环境满足以下条件:
 - 本地电脑系统是 Windows X64。
 - 本地电脑处于联网状态。
 - 本地已安装了 Visual Studio ,且安装过程中选择的 .Net Framework 版本 ≥4.5.2。

正在修改 - Visual Studio Community 2019 - 16.11.16

| .NET 5.0 Runtime (out of support) ✓ .NET 6.0 Runtime | ✓ Entity Framework 6 工具✓ .NET 分析工具 |
|---|--|
| NET Core 2.1 Runtime (out of support) NET Core 2.2 运行时(不受支持) NET Core 3.0 运行时(不受支持) NET Core 3.1 运行时(LTS) NET Framework 3.5 开发工具 NET Framework 4 目标包 NET Framework 4.5 目标包 NET Framework 4.5.1 目标包 NET Framework 4.5.2 目标包 NET Framework 4.6 目标包 NET Framework 4.6.1 目标包 NET Framework 4.6.2 SDK NET Framework 4.6.2 目标包 NET Framework 4.6.2 目标包 | ✓ IntelliCode ✓ 实时调试器 ✓ Live Share ✓ ML.NET Model Builder (预览) F# 桌面语言支持 PreEmptive Protection - Dotfuscator .NET Framework 4.6.1 开发工具 .NET Framework 4.6.2 开发工具 .NET Framework 4.7.1 开发工具 .NET Framework 4.8 开发工具 .NET Framework 4.8 开发工具 .NET 可移植库目标包 Windows Communication Foundation SQL Server Express 2016 LocalDB MSIX Packaging Tools JavaScript 诊断 .NET Core 2.1 Runtime (out of support) |

- 2.进入 win_x64_bin\CSHARP\DisplayWithOpenCVDemo_.Net4.5.2_OpenCVSharp3 路径下并 双击 DisplayWithOpenCVDemo.sln 。
- 3. 选择生成的版本是 "Release X64",并点击 ▷ 运行按钮。



4. 在弹出的窗口中选择目标相机对应的序号并回车。

| CSHARP\DisplayWithOpenCVDemoNet4.5.2_OpenCVSharp3\DisplayWithOpenC — | × |
|---|--------|
| 1732215053243 (2024-12-03 16:37:33) id: eth-d8-bb-c1-7c-06-ea2d02a8c0 | ^ |
| 1/33215053243 (2024-12-03 16:3/:33) type: 0x4 | |
| 1/3221003243 (2024-12-03 1013/133) MAC: do-pb-cl-rc-00-ea 1722216052042 (0024-10-02 16:07:22) : 100 160 0 /6 | |
| 173221505245 (2024 12 05 10.51.53) ID. 152.100.2.30 | |
| 173221505245 (2024 12 05 16.57.32) internask. 200.200.200.200.0 | |
| 1733215053243 (2024-12-03 16:37:33) broadcast: 192.168.2.255 | |
| 1733215056272 (2024-12-03 16:37:36) *** Select 207000148247 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.50 | |
| 1733215056272 (2024-12-03 16:37:36) *** Select 207000150958 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.73 | |
| 1733215056272 (2024-12-03 16:37:36) *** Select 207000153862 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.174 | |
| 1733215056272 (2024-12-03 16:37:36) *** Select 207000152730 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.180 | |
| 1733215056272 (2024-12-03 16:37:36) *** Select 207000146629 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 169.254.6.5 | |
| 1733215056272 (2024-12-03 16:37:36) *** Select 207000153675 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.98 | |
| 1733215056272 (2024-12-03 16:37:36) *** Select 207000151285 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192:168.6.173 | |
| 1/33215056272 (2024-12-03 16:37:36) *** Select 207000152906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, 1p 169,254.8.82 | |
| 1/35215056272 (2024-12-03 16:37:36) *** Select 20700152548 on etn-d8-pb-61-76-06-e82d028860, 1p 192,168,6,110 | |
| 1/32/19092/2 (2024-12-05 10:3/.30) *** Select 20/000132308 on eth-do-pb-c1-(c-00-ex2002x860, 10 132.108.0.100 | |
| | |
| | |
| 2 207000153862 | |
| 3 207000152730 | |
| 4 207000146629 | |
| 5 207000153675 | |
| 6 207000151285 | |
| 7 207000152906 | |
| 8 207000152548 | |
| 9 207000152308 | |
| select one: | |
| | \sim |

5. 选择目标输出类型的序号并回车,相机便开始采图。

- 0代表输出未渲染的深度图和渲染后的深度图。
- 1代表输出彩色图。
- 2代表输出左右灰度图。
- 3代表输出对齐后的深度图和彩色图。
- 4代表输出点云图。
- 5代表相机工作在软触发模式下,并输出深度图和彩色图。
- 6 代表相机会先加载 Storage 区内的参数设置后开始采集深度图和彩色图。如相机 Storage 区内没有 json 文件,相机会使用默认参数配置,并开始采集深度图和彩色图。

| CSHARP\DisplayWithOpenCVDemoNet4.5.2_OpenCVSharp3\DisplayWithOpenC 🛛 🗙 |
|---|
| 1733215056272 (2024-12-03 16:37:36) *** Select 207000146629 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 169.254.6.5 1733215056272 (2024-12-03 16:37:36) *** Select 207000153675 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.98 1733215056272 (2024-12-03 16:37:36) *** Select 207000152906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 169.254.8.82 1733215056272 (2024-12-03 16:37:36) *** Select 207000152906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.110 1733215056272 (2024-12-03 16:37:36) *** Select 207000152988 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.110 1733215056272 (2024-12-03 16:37:36) *** Select 207000152308 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.100 found follow devices: 0 207000145247 1 207000152730 4 207000152730 4 207000152730 4 207000152966 8 207000152966 9 207000152966 9 207000152968 9 207000152988 9 207000152988 9 207000152988 9 207000152988 9 207000152988 9 207000152988 1 207000152988 1 207000152986 1 20700152986 1 |
| select one: 1 1733215097491 (2024-12-03 16:38:17) Device 207000150958 is on! Select a test item: 0. output depth stream. 1. output color stream. 2. output ir stream. 3. RGBD registration. 4. output point cloud data. 5. The camera works in (soft) trigger mode. 6. The default configuration parameters are loaded when the camera starts. select one: |

运行 DisplayWithOpenCVDemo_.Net4.8_OpenCVSharp4.0

- 1. 确保本地运行环境满足以下条件:
 - 本地电脑系统是 Windows X64。
 - 本地电脑处于联网状态。
 - 本地安装 Visual Studio 软件,且安装过程中选择的 .NET Framework 版本 ≥ 4.8。

| 正在修改 - Visual Studio Community 2022 - 17.10.0 | × |
|---|---|
| 工作负荷 单个组件 语言包 安装位置 | |
| 工作负荷 单个组件 语言包 安装位置 搜索组件(Ctrl+Q) Q NEI Framework 4.6 日标包 NET Framework 4.6.1 SDK NET Framework 4.6.1 目标包 NET Framework 4.6.2 SDK NET Framework 4.6.2 目标包 NET Framework 4.7 SDK NET Framework 4.7 目标包 NET Framework 4.7 目标包 | 安装详细信息 → Visual Studio 核心编辑器 → .NET Multi-platform App UI 开发 → .NET 桌面开发 → 使用 C++ 的桌面开发 → 使用 C++ 的桌面开发 → Uindows 应用程序开发 → 已包含 → .NET WinUI 应用开发工具 |
| NET Framework 4.7.1 目标包 NET Framework 4.7.2 SDK ✓ .NET Framework 4.7.2 目标包 | ✓ .NET Native 和 .NET Standard ✓ NuGet 包管理器 ✓ Blend for Visual Studio |
| ✓ .NET Framework 4.8 SDK ✓ .NET Framework 4.8 目标包 .NET Framework 4.8.1 SDK .NET Framework 4.8.1 目标包 .NET Framework 项目和项模板 ✓ .NET MAUI SDK for Windows ✓ .NET Native | 可选 IntelliCode GitHub Copilot C++ WinUI 应用开发工具 通用 Windows 平台工具 C++ (v143)通用 Windows 平台工具 C++ (v142)通用 Windows 平台工具 C++ (v141)通用 Windows 平台工具 C++ (v141)通用 Windows 平台工具 用 T Directly 的图形 通过提知 CDU 探索機 |
| 位置 | 移除(R)不受支持的组件 |

- C:\Program Files\Microsoft Visual Studio\2022\Community
- 2.进入 win_x64_bin\CSHARP\DisplayWithOpenCVDemo_.Net4.8_OpenCVSharp4.0 路径下并 双击 DisplayWithOpenCVDemo.sln 。
- 3. 选择生成的版本是 "Release X64",并点击 ▷ 运行按钮。



4. 在弹出的窗口中选择目标相机对应的序号并回车。

| 33193555498 (2024-12-03 10:39:15) id: eth-d8-bb-c1-7c-06-ea2d02a8c0 33193555498 (2024-12-03 10:39:15) MAC: d8-bb-c1-7c-06-ea 33193555498 (2024-12-03 10:39:15) MAC: d8-bb-c1-7c-06-ea 33193555498 (2024-12-03 10:39:15) ip: 192.168.2.45 33193555498 (2024-12-03 10:39:15) ip: 192.168.2.255 33193555498 (2024-12-03 10:39:15) sateway: 33193555498 (2024-12-03 10:39:15) sateway: 33193555333 (2024-12-03 10:39:18) *** Select 207000150858 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.101 33193558533 (2024-12-03 10:39:18) *** Select 207000153862 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.174 33193558533 (2024-12-03 10:39:18) *** Select 207000152730 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.180 33193558534 (2024-12-03 10:39:18) *** Select 207000152730 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.93 33193558534 (2024-12-03 10:39:18) *** Select 207000146629 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000146388 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96< | |
|--|---|
| 32193555498 (2024-12-03 10:39:15) type: 0x4 33193555498 (2024-12-03 10:39:15) MAC: d8-bb-c1-7c-06-ea 33193555498 (2024-12-03 10:39:15) ip: 192.168.2.45 33193555498 (2024-12-03 10:39:15) netmask: 255.255.05 33193555498 (2024-12-03 10:39:15) gateway: 33193555498 (2024-12-03 10:39:15) broadcast: 192.168.2.255 33193555498 (2024-12-03 10:39:18) *** Select 207000150858 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.101 33193558533 (2024-12-03 10:39:18) *** Select 207000153862 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.174 33193558533 (2024-12-03 10:39:18) *** Select 207000152730 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.180 33193558533 (2024-12-03 10:39:18) *** Select 207000154140 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.93 33193558534 (2024-12-03 10:39:18) *** Select 20700014638 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000154169 on eth | ^ |
| 33193555498 (2024-12-03 10:39:15) MAC: d3-bb-cl-7c-0b-ea 33193555498 (2024-12-03 10:39:15) ip: 192.168.2.45 33193555498 (2024-12-03 10:39:15) netmask: 255.255.255.05 33193555498 (2024-12-03 10:39:15) steway: 33193555498 (2024-12-03 10:39:15) broadcast: 192.168.2.45 33193555533 (2024-12-03 10:39:18) *** Select 207000146716 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.101 33193558533 (2024-12-03 10:39:18) *** Select 207000150958 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.73 33193558533 (2024-12-03 10:39:18) *** Select 207000152730 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.180 33193558533 (2024-12-03 10:39:18) *** Select 207000154140 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.93 33193558534 (2024-12-03 10:39:18) *** Select 207000146368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000154169 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 | |
| 32193555498 (2024-12-03 10:39:15) ip: 192.168.2.45 32193555498 (2024-12-03 10:39:15) netmask: 255.255.255.0 33193555498 (2024-12-03 10:39:15) gateway: 33193555498 (2024-12-03 10:39:15) broadcast: 192.168.2.255 33193555498 (2024-12-03 10:39:15) broadcast: 192.168.2.255 3319355533 (2024-12-03 10:39:18) *** Select 207000150958 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.73 33193558533 (2024-12-03 10:39:18) *** Select 207000153862 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.174 33193558533 (2024-12-03 10:39:18) *** Select 207000152730 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.180 33193558533 (2024-12-03 10:39:18) *** Select 20700015240 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.93 33193558534 (2024-12-03 10:39:18) *** Select 207000146528 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000151285 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.91 33193558534 (2024-12-03 <td></td> | |
| 33193555498 (2024-12-03 10:39:15) netmask: 255.255.255.255.255.05 33193555498 (2024-12-03 10:39:15) gateway: 33193555498 (2024-12-03 10:39:15) broadcast: 192.168.2.255 331935554533 (2024-12-03 10:39:18) *** Select 207000150958 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.101 33193558533 (2024-12-03 10:39:18) *** Select 207000153862 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.73 33193558533 (2024-12-03 10:39:18) *** Select 207000153862 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.174 33193558533 (2024-12-03 10:39:18) *** Select 207000153862 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.93 33193558534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000154268 on 192.168.6.91 33 | |
| <pre>33193555493 (2024-12-03 10:39:15) gateway: 33193555493 (2024-12-03 10:39:15) broadcast: 192.168.2.255 33193558533 (2024-12-03 10:39:18) *** Select 207000146716 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.101 33193558533 (2024-12-03 10:39:18) *** Select 207000150958 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.174 33193558533 (2024-12-03 10:39:18) *** Select 207000152730 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.180 33193558533 (2024-12-03 10:39:18) *** Select 207000154140 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.93 331935585534 (2024-12-03 10:39:18) *** Select 207000146629 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.93 331935585534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 331935585534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 331935585534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000154169 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.91 33193558534 (2024-12-03 10:39:18) *** Select 207000154169 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.91 33193558534 (2024-12-03 10:39:18) *** Select 207000154269 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.91 33193558534 (2024-12-03 10:39:18) *** Select 20700015206 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.8.91 33193558534 (2024-12-03 10:39:18) *** Select 20700015206 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.8.91</pre> | |
| 33193558533 (2024-12-03 10:39:15) broadcast: 192.188.2.25 33193558533 (2024-12-03 10:39:18) *** Select 207000146716 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.101 33193558533 (2024-12-03 10:39:18) *** Select 207000150958 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.73 33193558533 (2024-12-03 10:39:18) *** Select 207000150958 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.174 33193558533 (2024-12-03 10:39:18) *** Select 207000152730 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.180 33193558533 (2024-12-03 10:39:18) *** Select 207000154140 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.93 33193558534 (2024-12-03 10:39:18) *** Select 207000146629 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.93 33193558534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000154769 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.91 33193558534 (2024-12-03 10:39:18) *** Select 207000154769 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.91 33193558534 (2024-12-03 10:39:18) *** Select 207000154769 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.91 33193558534 (2024-12-03 10:39:18) *** Select 207000151285 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.173 33193558534 (2024-12-03 10:39:18) *** Select 2070001512960 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.8.173 33193558534 (2024-12-03 10:39:18) *** Select 207000152906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.8.173 3193558534 (2024-12-03 10:39:18) *** Select 2070001542906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.8.173 3193558534 (2024-12-03 10:39:18) *** Select 207000152906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.8.82 | |
| 33193558533 (2024-12-03 10:39:18) *** Select 207000150958 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.101 33193558533 (2024-12-03 10:39:18) *** Select 207000153862 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.73 33193558533 (2024-12-03 10:39:18) *** Select 207000152730 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.2.180 331935585533 (2024-12-03 10:39:18) *** Select 207000154140 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.93 331935585534 (2024-12-03 10:39:18) *** Select 207000146629 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.93 331935585534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 331935585534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 331935585534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.96 331935585534 (2024-12-03 10:39:18) *** Select 207000154169 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.91 331935585534 (2024-12-03 10:39:18) *** Select 207000151285 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.173 331935585534 (2024-12-03 10:39:18) *** Select 207000152906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.8.173 | |
| <pre>33193558533 (2024-12-03 10:39:18) *** Select 207000150958 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.2.73 33193558533 (2024-12-03 10:39:18) *** Select 207000153862 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.2.174 33193558533 (2024-12-03 10:39:18) *** Select 207000154140 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.6.93 33193558534 (2024-12-03 10:39:18) *** Select 207000154140 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.6.93 33193558534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000154169 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.6.91 33193558534 (2024-12-03 10:39:18) *** Select 207000152085 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.6.91 33193558534 (2024-12-03 10:39:18) *** Select 207000152085 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.6.91 33193558534 (2024-12-03 10:39:18) *** Select 207000152085 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.8.91 33193558534 (2024-12-03 10:39:18) *** Select 207000152085 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.8.91 33193558534 (2024-12-03 10:39:18) *** Select 207000152085 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.8.91 33193558534 (2024-12-03 10:39:18) *** Select 207000152096 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.8.82</pre> | |
| S319358533 (2024-12-03 10:39:18) *** Select 207000152373 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192,168,2,180 331935858533 (2024-12-03 10:39:18) *** Select 207000154140 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192,168,6,93 33193558534 (2024-12-03 10:39:18) *** Select 207000146629 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192,168,6,95 33193558534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192,168,6,96 33193558534 (2024-12-03 10:39:18) *** Select 207000154169 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192,168,6,96 33193558534 (2024-12-03 10:39:18) *** Select 207000154169 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192,168,6,91 33193558534 (2024-12-03 10:39:18) *** Select 207000151285 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192,168,6,91 33193558534 (2024-12-03 10:39:18) *** Select 207000152906 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192,168,6,91 | |
| S3193558533 (2024-12-03 10:39:18) *** Select 207000152130 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192,168,6,93 33193558534 (2024-12-03 10:39:18) *** Select 207000146629 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192,168,6,93 33193558534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192,168,6,96 33193558534 (2024-12-03 10:39:18) *** Select 207000151269 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192,168,6,91 33193558534 (2024-12-03 10:39:18) *** Select 207000151269 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192,168,6,173 331935585534 (2024-12-03 10:39:18) *** Select 2070001512906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192,168,6,173 | |
| S3193558534 (2024-12-03 10:39:18) *** Select 20700014196 OH ethilds Db-cl-7c-06-ea2d02a8c0, ip 169, 254, 6, 5 33193558534 (2024-12-03 10:39:18) *** Select 207000145368 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 169, 254, 6, 5 33193558534 (2024-12-03 10:39:18) *** Select 207000154169 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192, 168, 6, 96 331935585534 (2024-12-03 10:39:18) *** Select 207000154269 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192, 168, 6, 91 331935585534 (2024-12-03 10:39:18) *** Select 207000151285 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192, 168, 6, 173 33193558534 (2024-12-03 10:39:18) *** Select 207000152906 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 169, 254, 8, 82 | |
| 33193558534 (2024-12-03 10:39:18) *** Select 207000145258 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.6.96 33193558534 (2024-12-03 10:39:18) *** Select 207000154169 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.6.91 33193558534 (2024-12-03 10:39:18) *** Select 207000151285 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.6.173 33193558534 (2024-12-03 10:39:18) *** Select 207000152906 on eth-d8-bb-cl-7c-06-ea2d02a8c0, ip 192.168.8.82 | |
| 33193558534 (2024-12-03 10:39:18) *** Select 207000152368 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.91 33193558534 (2024-12-03 10:39:18) *** Select 207000151285 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.173 33193558534 (2024-12-03 10:39:18) *** Select 207000152906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.8.22 | |
| 33193558534 (2024-12-03 10:39:18) *** Select 207000151285 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6.173 33193558534 (2024-12-03 10:39:18) *** Select 207000152906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 169.254.8.82 | |
| 33193552534 (2024-12-03 10:39:18) *** Select 207000152906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 169.254.8.82 | |
| | |
| und follow devices: | |
| 207000146716 | |
| 207000150958 | |
| 207000153862 | |
| 207000152730 | |
| 207000154140 | |
| 207000146629 | |
| 207000145368 | |
| 207000154169 | |
| 207000151285 | |
| 207000152906 | |
| lect one: | J |

5. 选择目标输出类型的序号并回车,相机便开始采图。

- 0代表输出未渲染的深度图和渲染后的深度图。
- 1代表输出彩色图。
- 2代表输出左右灰度图。
- 3代表输出对齐后的深度图和彩色图。
- 4代表输出点云图。
- 5代表相机工作在软触发模式下,并输出深度图和彩色图。

6 代表相机会先加载 Storage 区内的参数设置后开始采集深度图和彩色图。如相机 Storage 区内没有json 文件,相机会使用默认参数配置,并开始采集深度图和彩色图。

| C:\Windows\system32\cmd.exe | - | × |
|---|----------------------------------|---|
| 1733193558533 (2024-12-03 10:39:18) *** Select 207000154140 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6. 1733193558534 (2024-12-03 10:39:18) *** Select 207000146629 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 169.254.6. 1733193558534 (2024-12-03 10:39:18) *** Select 207000145186 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6. 1733193558534 (2024-12-03 10:39:18) *** Select 20700015105 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6. 1733193558534 (2024-12-03 10:39:18) *** Select 20700015105 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6. 1733193558534 (2024-12-03 10:39:18) *** Select 207000151285 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6. 1733193558534 (2024-12-03 10:39:18) *** Select 207000152906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 192.168.6. 1733193558534 (2024-12-03 10:39:18) *** Select 207000152906 on eth-d8-bb-c1-7c-06-ea2d02a8c0, ip 169.254.8. found follow devices: 0 207000146716 1 207000150958 2 207000150958 2 207000150958 4 207000154629 4 207000154629 | 93 5 96 91 173 82 | ^ |
| 6 207000143588 7 207000154169 8 207000151285 9 207000152906 select one: | | |
| 1 1733193790115 (2024-12-03 10:43:10) Device 207000150958 is on! Select a test item: 0.output depth stream. 1.output color stream. 2.output ir stream. 3.RGBD registration. 4.output point cloud data. 5.The camera works in (soft) trigger mode. 6.The default configuration parameters are loaded when the camera starts. | | |
| select one: | | ~ |

运行 FetchFrameUIDemo

- 1. 确保本地电脑系统是 Windows X64。
- 2.进入 win_x64_bin\CSHARP\FetchFrameUIDemo 路径下并双击 FetchFrameUIDemo.sln 。
- 3. 选择生成的版本是 "Release X64",并点击 ▷ 运行按钮。



4. 在弹出的界面中,按以下步骤选择并打开相机。

| Form1 | | - | |) |
|--------------------------|--------------|---|---|---|
| 5N: 207000150958 V Flush | Open Start | | | |
| Depth Enable | 🗸 RGB Enable | | ~ | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

a. 点击"Flush",刷新相机SN列表。

b. 在 SN 列表中选择目标相机序列号,并点击"Open"。

c. 勾选需显示的图像类型,并设置分辨率。

| 😸 Form1 | _ | × |
|---|----------------|---|
| SN: 207000150958 V Flush Close Start | | |
| ☑ Depth Enable DEFTH16_640x480 ✓ ☑ RGB Enable | уцуу 2560х1920 | ~ |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

d. 点击 "Start",相机开始采图。

e. 点击"Close",相机停止采图。

运行常规例程

- 1. 确保本地电脑系统是 Windows X64。
- 2. 进入 win_x64_bin\CSHARP 路径下并双击目标例程文件。
 - 以 fetch_frame_cs.exe 为例,运行步骤如下:
 - a. 输入命令 .\fetch_frame_cs.exe 并运行。

b. 选择相机对应的序号并回车,相机便开始采图。