

# Advantech AE Technical Share Document

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|-----------------|--|------------|--------------|
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| Category        | □FAQ■ SOP  | Related OS | --           |
| Abstract        | Set acquisition port and set number of image to get in sample code |            |              |
| Keyword         | PCIE-1172, PCIE-1172, Frame Grabber, Acquisition                   |            |              |
| Related Product | PCIE-1172, PCIE-1172   |            |              |

## ■ Problem Description:

If I only connect camera in port 2 of PCIE-1172, and I want to get image from it. However, I cannot get image and there is an error message "invalid camera ID" showed. How can I address this problem?

## ■ Brief Solution - Step by Step:

The following sample code is named "IMG\_SyncImageAcquisition" in file "C:\Advantech\CamNavi\Example\CS\_Console\net20".

The default port to acquisition is port 1. So, if you want to get image from port 2, please alter index of function "GetCameraID" in step3 to 1.

Index 0 represents port1 and Index 1 represents port2.

```
//Step3: Get the camera id by using index.
//      The index range is from [0 ~ iCameraNum]
//      In this example, we defined iIndex to "0" for "first" camera
string strCameraID = camManager.GetCameraID(0);
if (strCameraID.Length == 0) { Console.WriteLine("ERROR: Invalid camera ID !!"); return; }
```

**Picture1:** GetCameraID fuction

The default number of image to get is 10. If you want to change the number of image, please alter index of function "StartAcq" in step9.

```
//Step9: Start Acquisition
camera.StartAcq(10);
```

**Picture2:** StartAcqu function

## ■ Reference: