

# Advantech AE Technical Share Document

<b>Date</b>	2016/04/18	<b>SR#</b>	1-2426256646
<b>Category</b>	<input type="checkbox"/> FAQ <input checked="" type="checkbox"/> SOP	<b>Related OS</b>	--
<b>Abstract</b>	Set acquisition port and set number of image to get in sample code		
<b>Keyword</b>	PCIE-1172, PCIE-1172, Frame Grabber, Acquisition		
<b>Related Product</b>	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:**