

Advantech AE Technical Share Document

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Category	<input type="checkbox"/> FAQ <input checked="" type="checkbox"/> SOP	Related OS	
Abstract	Configure the IFC Driver for Inspector PRO		
Keyword	Ifc driver, InspectorPRO, Camera configuration		
Related Product	AIN-USB-PR, QCAM-GM0640-120CE, QCAM-GM1300-060CE, QCAM-GM1600-060CE, QCAM-GM2500-014CE		

■ **Problem Description:**

This SOP will show how to configure the Ifc driver in InspectorPRO. The Ifc driver is configure to connect PIC camera and other non-Dalsa made GigE cameras. For using this driver, an extend license is needed to connect a 3rd party camera.

■ **Brief Solution - Step by Step:**

To start the setup, make sure these are already installed:

1. InspectorPRO(x86)
2. GenICam setup
3. iDiscoverGenie(this is installed by Inspector Express)
4. Runtime license

After those are prepared, follow these steps:

A. Configure “gevtest.txt”

1. Open “iDiscoverGenie” and configure the IP of your cameras.
2. If there’s red camera icon shows, it means the IP or subnet mask is not compatible.
3. Click on the red camera and correct the IP Address and subnet mask.
4. If your system has Inspector Express installed, the Camera List “gevtest.txt” is saved to the Inspector Express User Applications directory. You can use the Start menu shortcut to find this directory.
5. After the IP and subnet mask is configured, click “<<--” to select all camera to the list and click “Save Camera List”.

B. Configure “ifcDrv.ini”

1. Open the folder “Drivers” in User Data Directory.
2. Change the configuration file path to the “gevtest.txt”, for example

```
[GENERAL]
;config file name
CONFIG=C:\Program Files (x86)\Advantech\InspectorExpressEagleEye\gevtest.txt
```

C. Set Inspector PRO

1. Open Options>Acquisition, enable the Ifc driver.
2. Reboot Insepctor PRO, the camera will be enabled.

■ **Reference:**