

SDK-WINDOWS DEMO

Doc#: 01.13.000023

HIGH-PRECISION LOW-COST LIDAR

SDK FILE REFERENCE

Extract the VS2010 project YDLIDAR first, follow the steps below to add the SDK project to the target project:

The first step: Add a project reference, Project -> Properties -> Common Properties -> Add New Reference, the results are as follows:

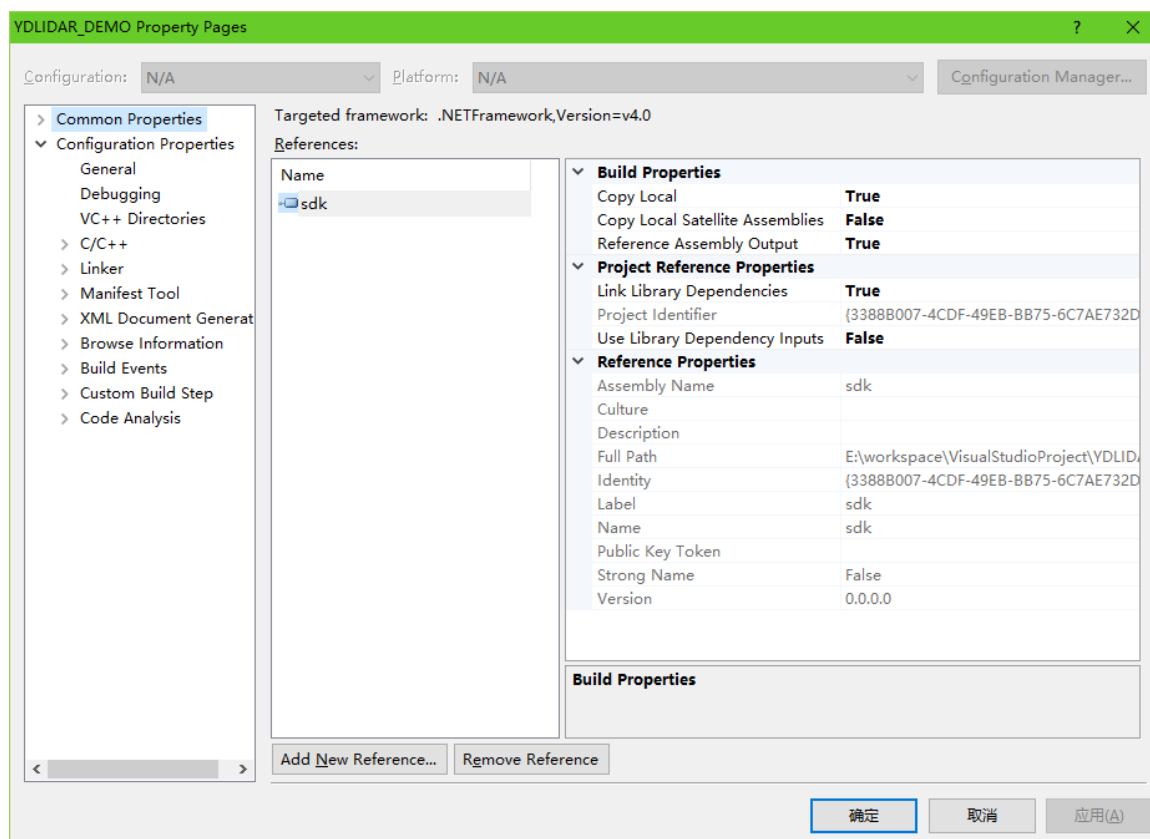


FIG 1 ADD SDK REFERENCE STEP1

Step 2: Add the directory where the SDK file is located, Project -> Properties -> Configuration Properties -> C/C++ -> General -> Additional Include Directories, the result is as follows:

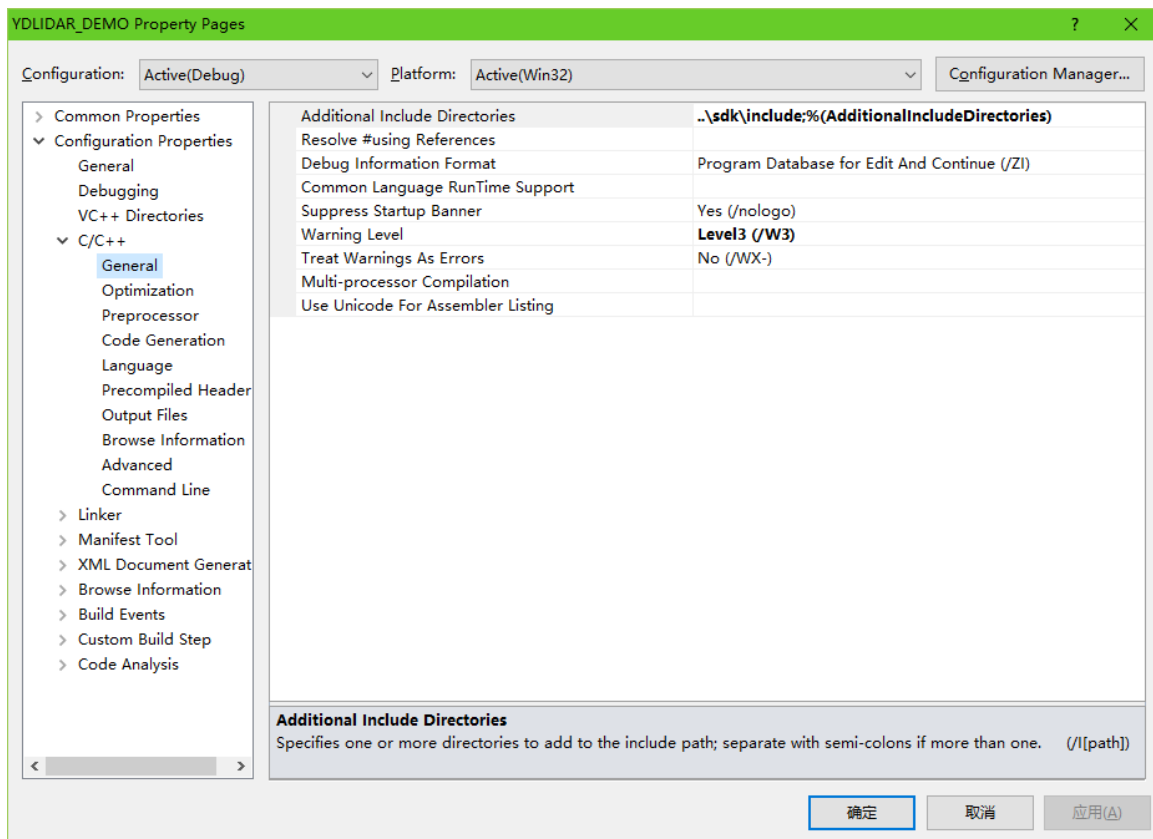


FIG 2 ADD SDK FILE STEP2

The third step: set the project properties, Project -> Properties -> Configuration Properties -> General -> Project Defaults, the results are as follows:

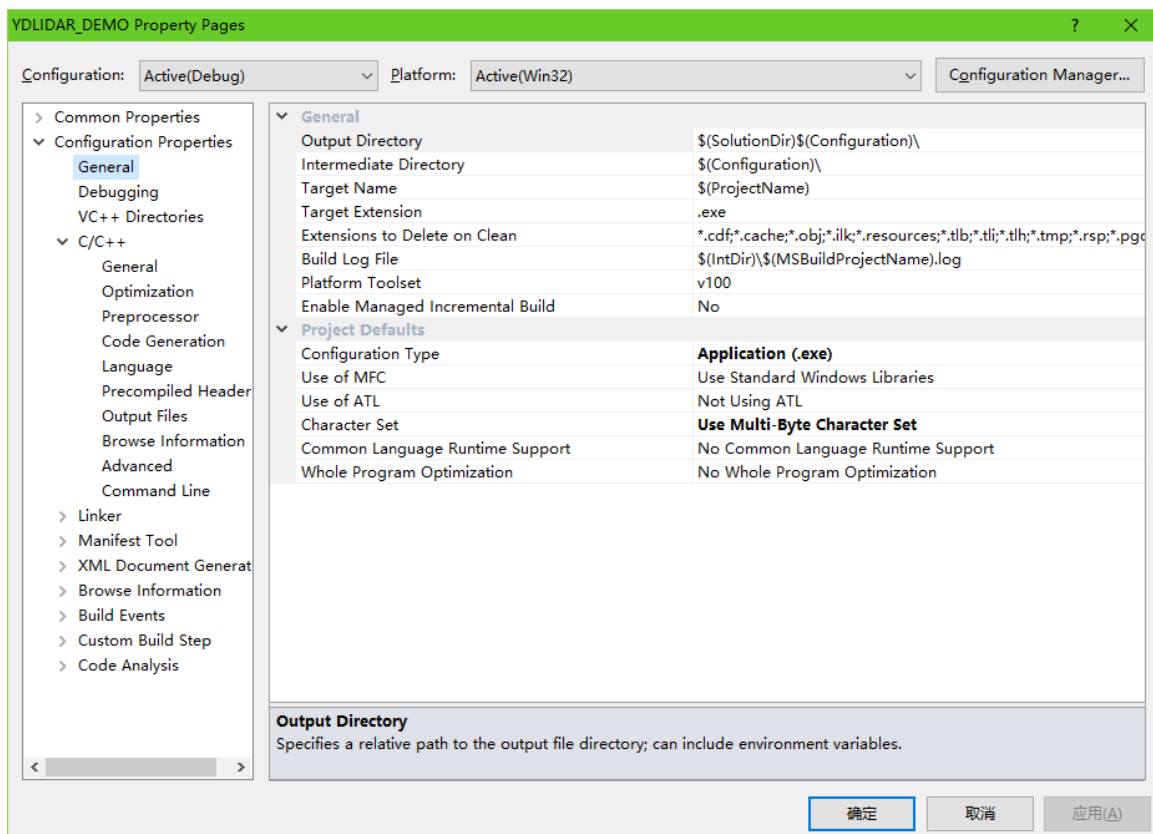
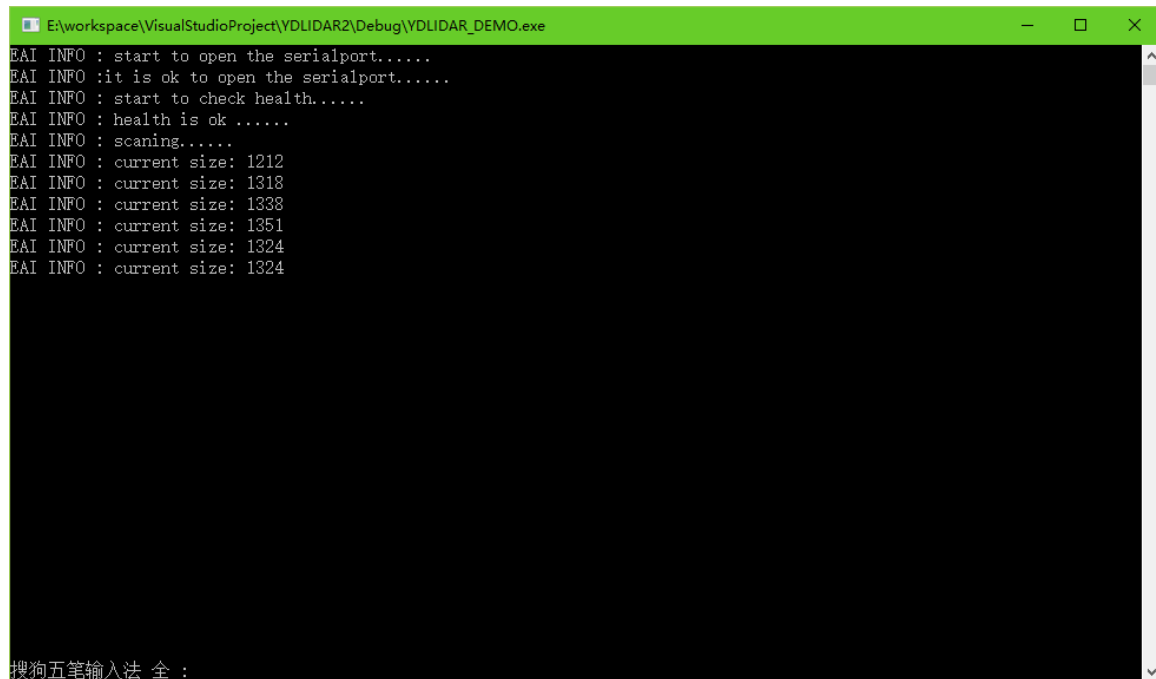


FIG 3 SET PROJECT PROPERTIES STEP3

At this point, the SDK file reference settings are complete.

DEMO

Run the DEMO project YDLIDAR_DEMO in VS2010 and get the following results:



```
EAI INFO : start to open the serialport.....
EAI INFO :it is ok to open the serialport.....
EAI INFO : start to check health.....
EAI INFO : health is ok .....
EAI INFO : scanning.....
EAI INFO : current size: 1212
EAI INFO : current size: 1318
EAI INFO : current size: 1338
EAI INFO : current size: 1351
EAI INFO : current size: 1324
EAI INFO : current size: 1324

搜狗五笔输入法 全 :
```

FIG3 YDLIDAR_DEMO

The print value is the number of valid data points scanned once.

Specific interface instruction, please refer to YDLIDAR_DEMO.