Mass Production Upgrade Guide

HF-A11x

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HF-A11 Mass Production Upgrade Guide

Note：For the custom firmware, High-Flying provide tools to upgrade the HF-A11 module

A. Upgrade Environment

1. Requests

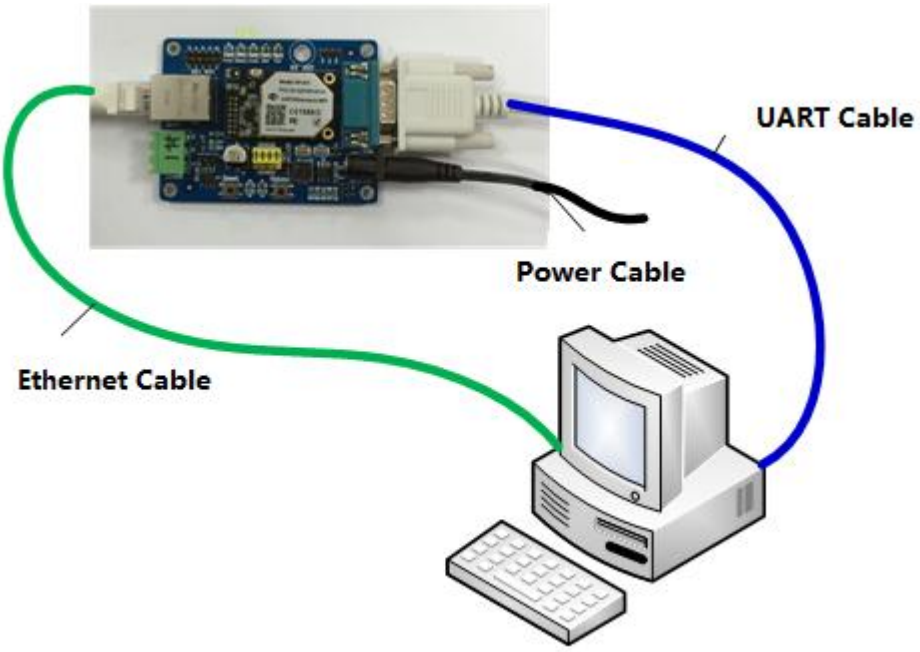
（1）HF-A11 EVK：1

（2）Computer(Use Ethernet and UART)：1

（3）High-Flying Upgrade Tool

2. Topology

The topology is as following picture.



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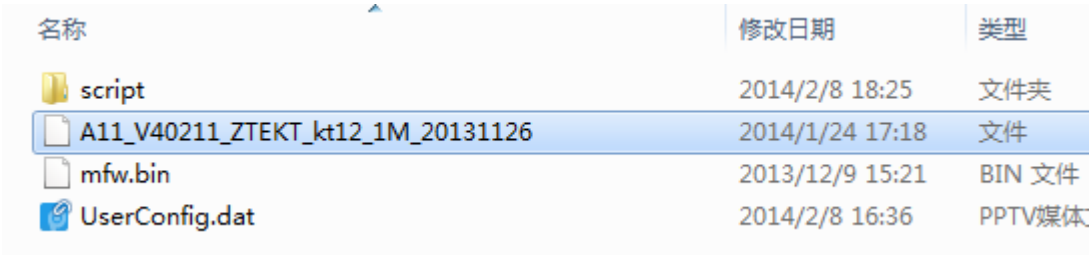
B. Software Install and Config

1. Uncompress “HF Production Upgrade Tool(1.09.8)”.

（1）Put upgrade firmware into “config” directory as following ”A11_V40211_ZTEKT_kt12_1M_20131126”.



（2）Enter “config->script” directory, Open config file ‟A11 和 SMT 通用版本以太网升级.da”.

✓ Modify the firmware file name in ‟[STEP3]”.

```
[STEP3]
NAME=升级中
ATCMDNUM=2
ATCMD1=HTTPUPG,1,50,1,10.10.100.100/A11_V40211_ZTEKT_kt12_1M_20131126 +ok
ATCMD2=Z,1,10,0,+ok
```

✓ Modify the setting parameters in [STEP7]. Check the “VER” and “WAP” to make sure upgrade is successful.

```
[STEP7]
NAME=检查参数.....
LOOPNUM=1
ATCMDNUM=2
ATCMD1=VER,1,10,0,+ok,4.02.11.KT12
ATCMD2=WAP,1,10,0,+ok,11BGN,MyWiFi,Auto
```

（3）Save the modified file.

2. Install “gtk2-runtime.exe”

“gtk2-runtime.exe” install procedure：

（1）Click and run“gtk2-runtime.exe” and click ‟NEXT”.

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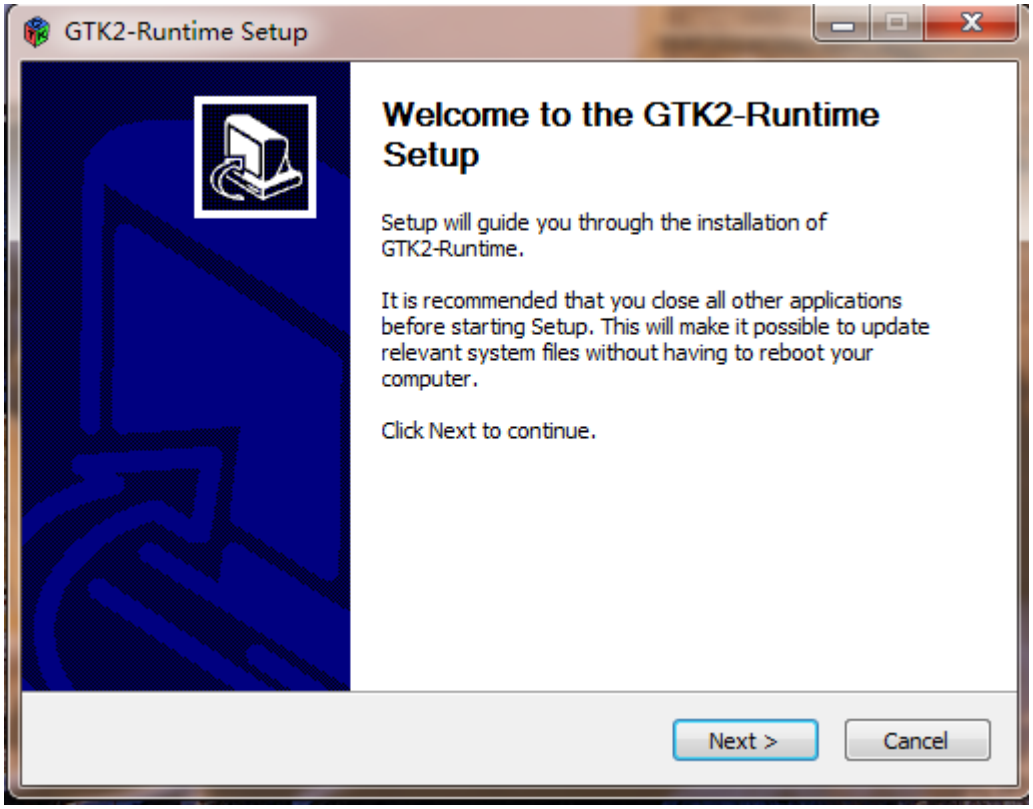
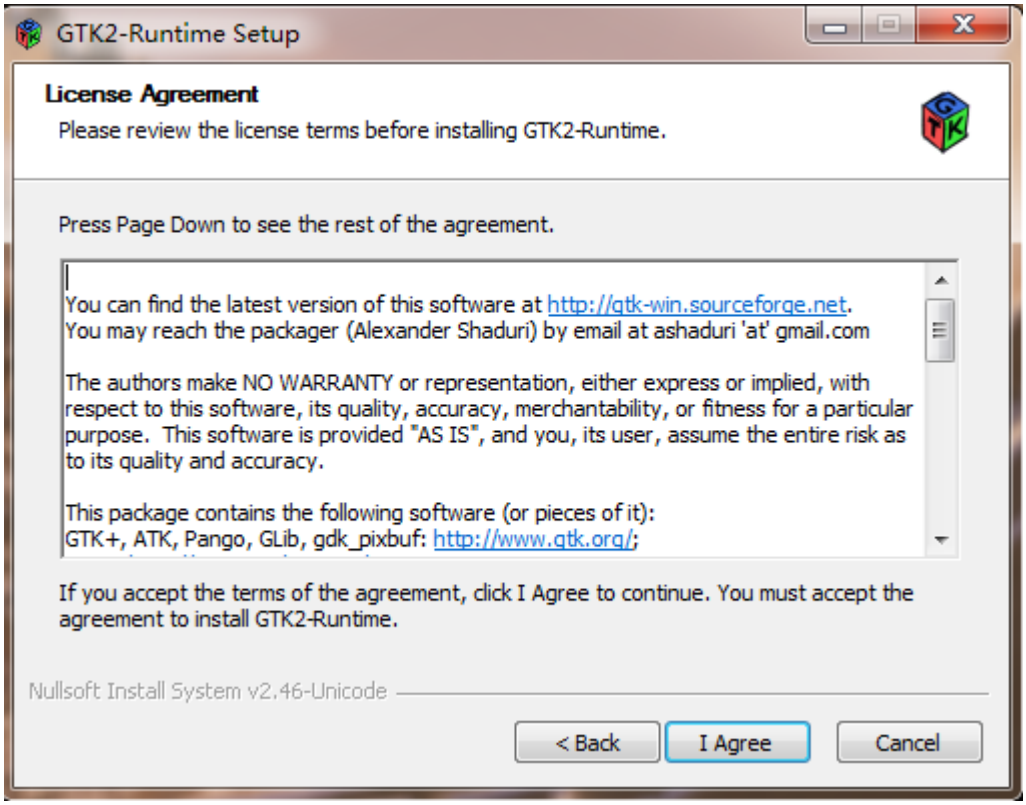


（2）Click "I Agree"



（3）Click "Next".

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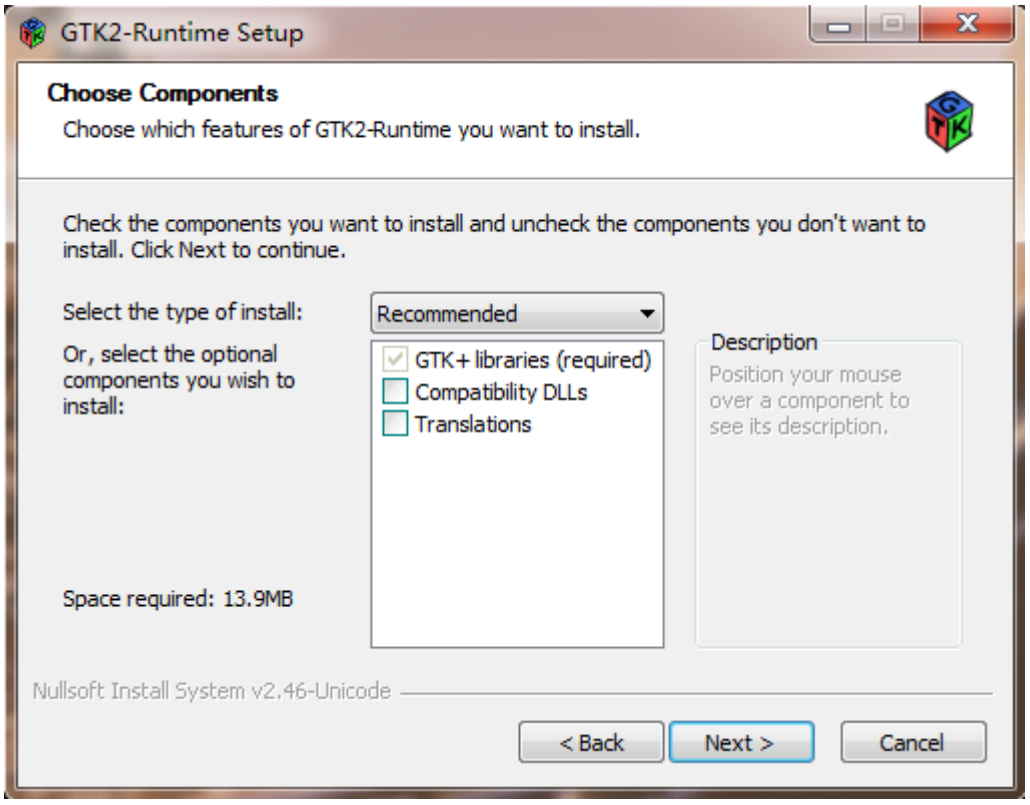
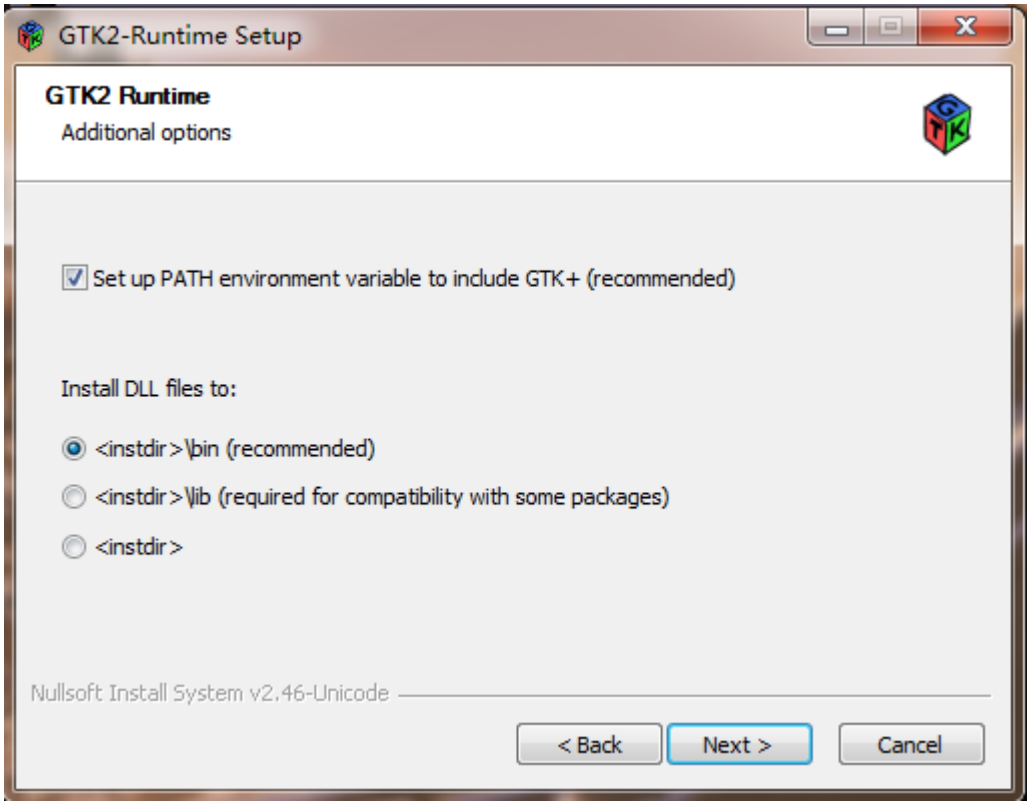


（4）Click "Next".



（5）Click "Install".

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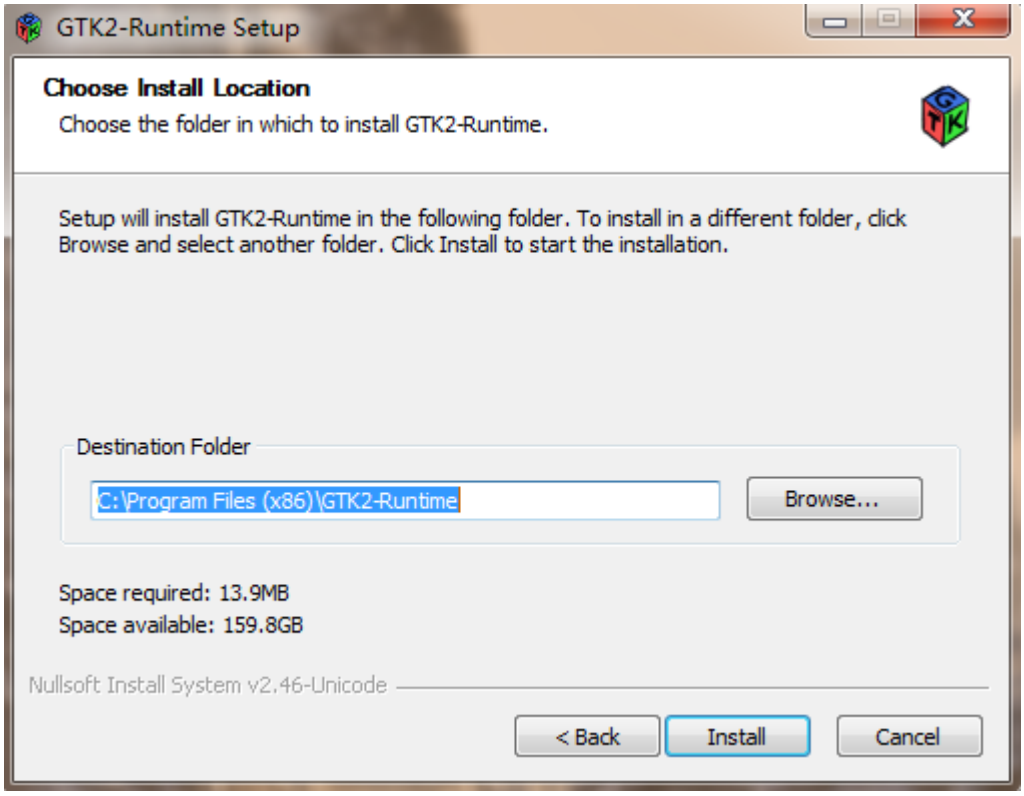
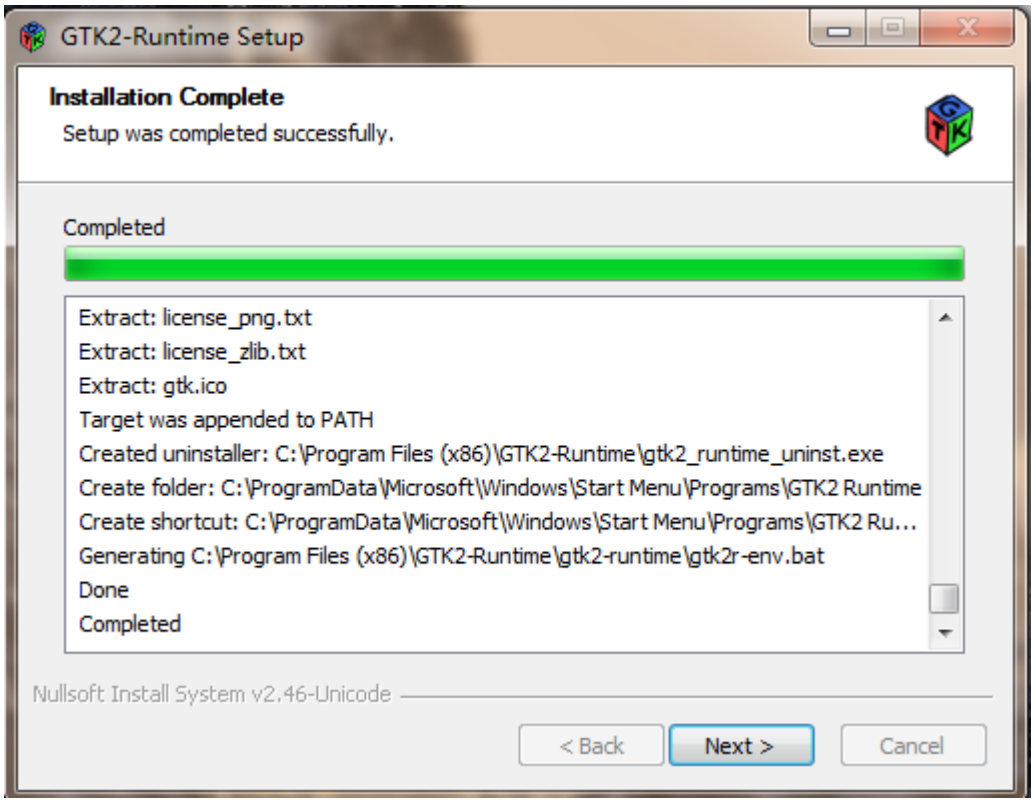


（6）Click "Next".



（7）Click "Finish" to complete installation.

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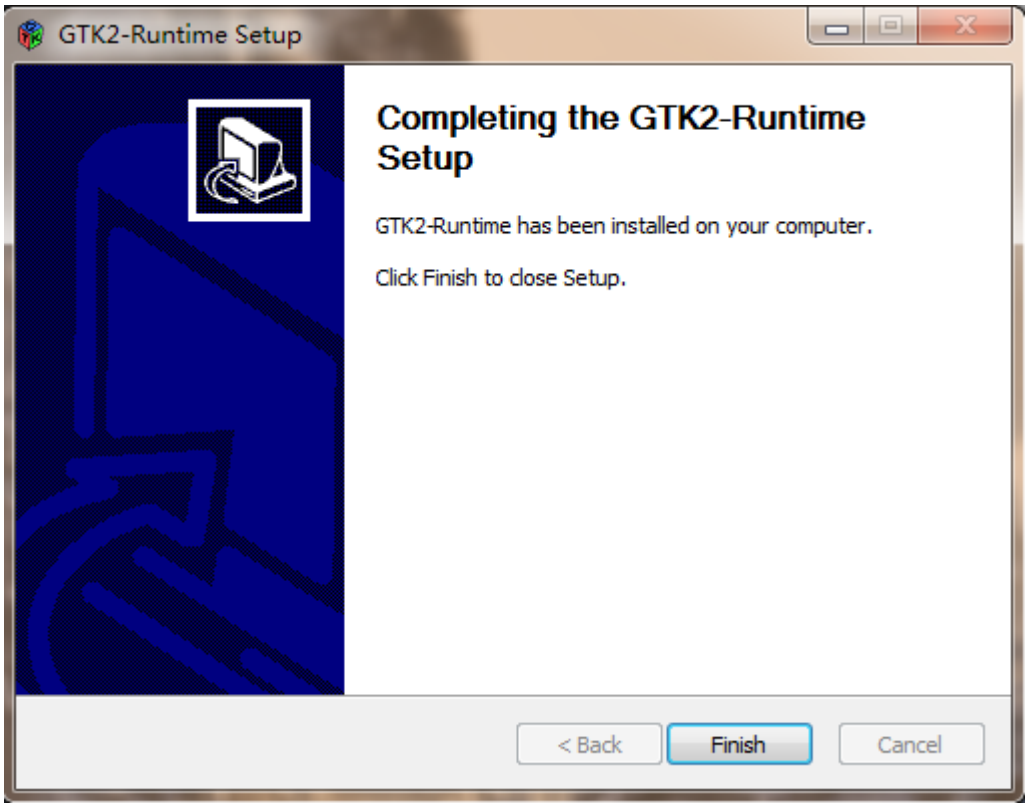

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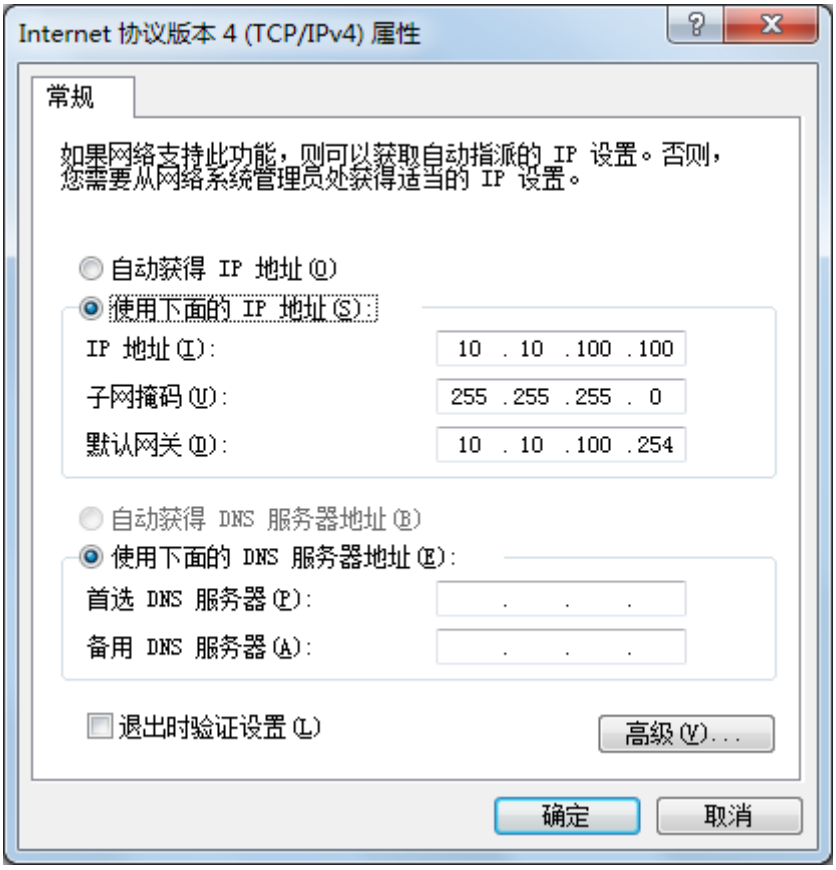
C. Upgrade Process

Note：

（1）Before upgrade, shutdown the firewall and disable the wireless LAN of computer.

（2）modify LAN parameter to IP:10.10.100.254，IP mask:255.255.255.0，gateway：10.10.100.254。



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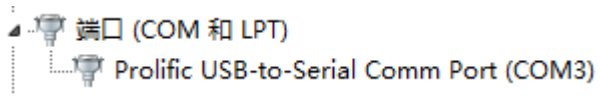
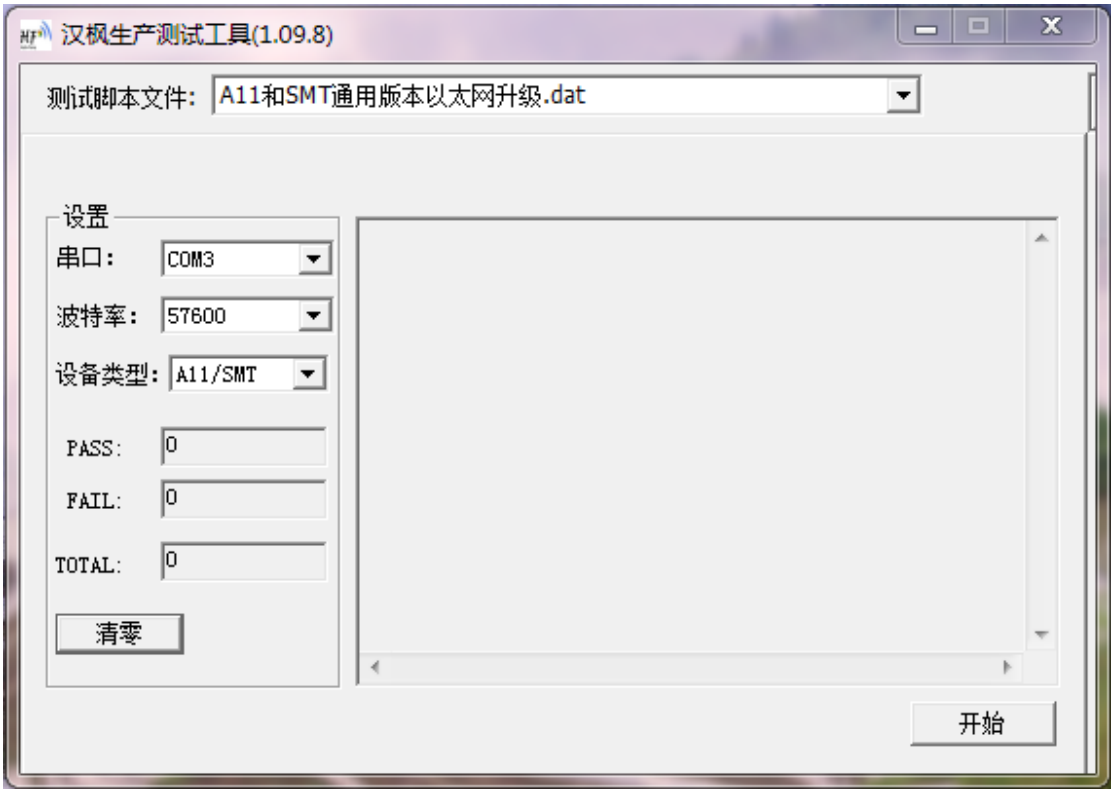
1. Click HFProductTools Tool and choose the corresponding serial port





2. Click "开始" to start upgrade, if it finally show "测试成功，请插入新的模块" that the module is upgrade OK and the nReady, nLink LED of EVK is flashing.

3. Power down the EVK, switch to the next module to upgrade the next.

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