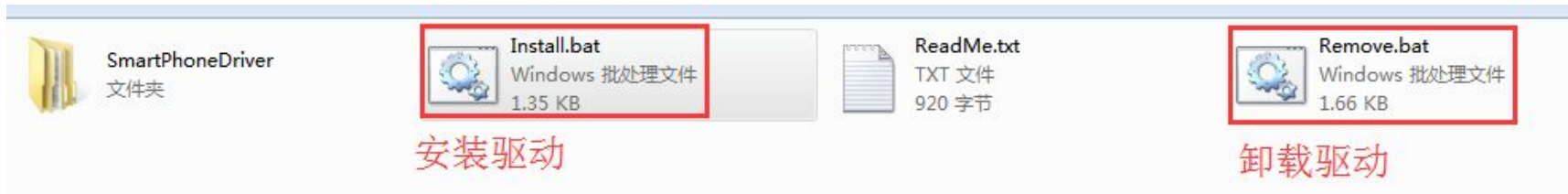


# USB驱动安装和卸载



如果已经安装驱动, 不需要执行这一步操作

USB驱动安装成功如图所示

注: Win7电脑, 尽量右击Install.bat文件“以管理员身份运行”

```
C:\Windows\system32\cmd.exe

*****Information*****
*****
Dirver Installer v1.0
Win 7
D:\工作文档\tool\USB驱动\2K_XP_COM\Driver_Auto_Installer_v1.352.00\SmartPhoneDriver/x64

*****
*****Install SP unsigned inf*****
*****
Install complete!

*****
*****Install SP signed inf*****
*****
Install complete!
```

SmartPhone Multi-port download tool-HCT

File Option Debug Logging Identity Help

DA file name: F:\新工具待验证\1620\MDT\_V1620\_ForSMT\MTK\_AllInOne\_DA.bin

Authentication file: [Empty]

Certification File: [Empty]

Scatter Files: C:\Users\请新建自己的用户名

Scatter File: \Desktop\data\125y-onix-1t422-35mgu-wvga-64g8g-fdd13720-ctc-bom29\_R05\_release\125y-onix-1t422-35mgu-wvga-64g8g-fdd13720-ctc-bom29\_R05\_rela

**注：客户端的工具下载类型只能选择：Firmware upgrade**

BootRom+PreLoader COM Sel All	Progress	Time	Start	Stop
<input type="checkbox"/> 1 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 2 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 3 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 4 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 5 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 6 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 7 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 8 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 9 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 10 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 11 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 12 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 13 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 14 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 15 N/A + N/A	0%	0 S	Start	Stop
<input type="checkbox"/> 16 N/A + N/A	0%	0 S	Start	Stop

Type: Firmware upgrade

Baud rate: 921600

DA download all

Full speed  High speed

Battery  No battery

Auto detect

AutoPulling

EnableAutoPolling

Start all

Stop all

Scan

# 软件选择:选择对应的scatter文件

The screenshot displays the 'SmartPhone Multi-port download tool-HCT' interface. The 'Scatter Files' section is highlighted with a red box, and a red arrow points to the 'Scatter File' field. The file list on the right shows 'MT6735M\_Android\_scatter.txt' selected with a red box. The progress monitoring section at the bottom shows 16 channels, each with a green dot and a progress bar at 0%.

DA file name: F:\新工具待验证\1620\MDT\_V1620\_ForSMT\MTK\_AllInOne\_DA.bin

Authentication file: [Empty]

Certification File: [Empty]

Scatter Files: C:\Users\请新建自己的用户名\Desktop\data\125y-onix-1t422-35mgu-wvga-64g8g-fdd13

Scatter File: [Empty]

名称	修改日期	类型	大小
calibration	2016/1/28 19:31	文件夹	
boot.img	2016/1/26 12:52	光盘映像文件	6,436 KB
cache.img	2016/1/26 12:31	光盘映像文件	8,193 KB
Checksum_Gen.exe	2015/9/28 15:06	应用程序	155 KB
FlashToolLib.dll	2015/10/25 11:56	应用程序扩展	1,135 KB
FlashToolLib.v1.dll	2015/10/25 11:56	应用程序扩展	2,517 KB
FlashToolLibEx.dll	2015/10/25 11:56	应用程序扩展	3,676 KB
kernel	2016/1/26 12:27	文件	5,786 KB
lk.bin	2016/1/26 11:54	BIN 文件	266 KB
logo.bin	2016/1/26 11:54	BIN 文件	598 KB
MT6735M_Android_scatter.txt	2016/1/26 11:51	TXT 文件	10 KB
preloader_hct6735m_35gu_l.bin	2016/1/26 12:16	BIN 文件	124 KB
ramdisk.img	2016/1/26 12:51	光盘映像文件	648 KB
ramdisk-recovery.img	2016/1/26 12:55	光盘映像文件	1,328 KB
recovery.img	2016/1/26 12:55	光盘映像文件	7,116 KB
secro.img	2016/1/26 13:20	光盘映像文件	132 KB
system.img	2016/1/26 13:19	光盘映像文件	1,274,026...
trustzone.bin	2016/1/26 11:53	BIN 文件	43 KB
userdata.img	2016/1/26 12:31	光盘映像文件	27,161 KB

BootRom+PreLoader COM Sel All

Channel	Progress	Start	Stop
1	0%	Start	Stop
2	0%	Start	Stop
3	0%	Start	Stop
4	0%	Start	Stop
5	0%	Start	Stop
6	0%	Start	Stop
7	0%	Start	Stop
8	0%	Start	Stop
9	0%	Start	Stop
10	0%	Start	Stop
11	0%	Start	Stop
12	0%	Start	Stop
13	0%	Start	Stop
14	0%	Start	Stop
15	0%	Start	Stop
16	0%	Start	Stop

Start all

Stop all

Scan



# 如出现如图提示，需要在软件中运行Checksum\_Gen.exe文件

The screenshot shows the 'SmartPhone Multi-port download tool-HCT' interface. The top menu includes 'File', 'Option', 'Debug Logging', 'Identity', and 'Help'. The main configuration area contains fields for 'DA file name', 'Authentication file', 'Certification File', and 'Scatter Files'. The 'Scatter File' field is populated with a long path: 'C:\Users\请新建自己的用户名\Desktop\data\lt25y-onix-lt422-35mgu-wvga-64g8g-fdd13720-ctc-bom29\_R05\_release\lt25y-onix-lt422-35mgu-wvga-64g8g-fdd13720-ctc-bom29\_R05\_rela'.

On the left, there is a list of 16 items under the heading 'BootRom+PreLoad', each with a checkbox and the text 'N/A + N/A'. To the right, there are settings for 'Type' (Firmware upgrade), 'Baud rate' (921600), 'DA download all' (Full speed, High speed), 'Battery' (Battery, No battery), and 'Auto detect'. Below these are 'AutoPulling' settings with an 'EnableAutoPolling' checkbox.

Two dialog boxes are overlaid on the interface. The top one is titled 'PC memory Checksum' and contains the text: 'It is verifying PC memory Checksum, Please wait for a minute patiently.' Below this text is a progress bar showing '0%'. The bottom dialog box is titled 'FAIL' and contains the text: 'Can not find Checksum.ini file! Please use ChecksumGenerateTool to generate the Checksum.ini .' with a '确定' (OK) button.

At the bottom right, there are three buttons: 'Start all' (highlighted with a red box and a red arrow), 'Stop all', and 'Scan'.



# 点击Scan扫口(根据需要多选)

SmartPhone Multi-port download tool-HCT

File Option Debug Logging Identity Help

DA file name: F:\新工具待验证\1620\MDT\_V1620\_ForSMT\MTK\_AllInOne\_DA.bin

Authentication file: [Empty]

Certification File: [Empty]

Scatter Files: C:\Users\请新建自己的用户名

Scatter File: \Desktop\data\125y-onix-lt422-35mgu-wvga-64g8g-fdd13720-ctc-bom29\_R05\_release\125y-onix-lt422-35mgu-wvga-64g8g-fdd13720-ctc-bom29\_R05\_rela

BootRom+PreLoader COM Sel All

Port	Selection	Status	Progress	Time	Start	Stop	Indicator
1	<input checked="" type="checkbox"/> COM 7 + COM 5	Scan Success!	100%	0 S	Start	Stop	Green
2	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
3	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
4	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
5	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
6	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
7	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
8	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
9	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
10	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
11	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
12	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
13	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
14	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
15	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green
16	<input type="checkbox"/> N/A + N/A		0%	0 S	Start	Stop	Green

Type: Firmware upgrade

Baud rate: 921600

DA download all:

- Full speed
- High speed
- Battery
- No battery
- Auto detect

AutoPulling:

EnableAutoPolling

Start all

Stop all

Scan

点击Scan后, 手机插入USB, 按住下载键 (一般是音量上键) 直到出现 Scan Success!

①

②



# 如图所示下载pass

Multi-port download tool 1620-HCT After-Sale Service Center

File Option Debug Logging Identity Help

DA file name: F:\新工具待验证\1620\MDT\_V1620\_ForUpgrade\MTK\_AllInOne\_DA.bin

Authentication file: [Empty]

Certification File: [Empty]

Scatter Files: E:\Ruan Jian\823ax-ot-t922-63pu-hd-128g8g-bom75-tiepian\_R01\_release\MT6735M\_Android\_scatter.txt

Scatter File: [Empty]

BootRom+PreLoader COM Sel All

ID	Selection	Status	DL OK	Progress	Time	Start	Stop	Result
1	<input checked="" type="checkbox"/> COM13 + COM 4	●	DL OK	100%	131 S	Start	Stop	PASS
2	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
3	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
4	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
5	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
6	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
7	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
8	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
9	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
10	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
11	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
12	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
13	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
14	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
15	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	
16	<input type="checkbox"/> N/A + N/A	●		0%	0 S	Start	Stop	

Type: Firmware upgrade

Baud rate: 921600

DA download all:

Full speed  High speed

Battery  No battery

Auto detect

AutoPulling:

EnableAutoPolling

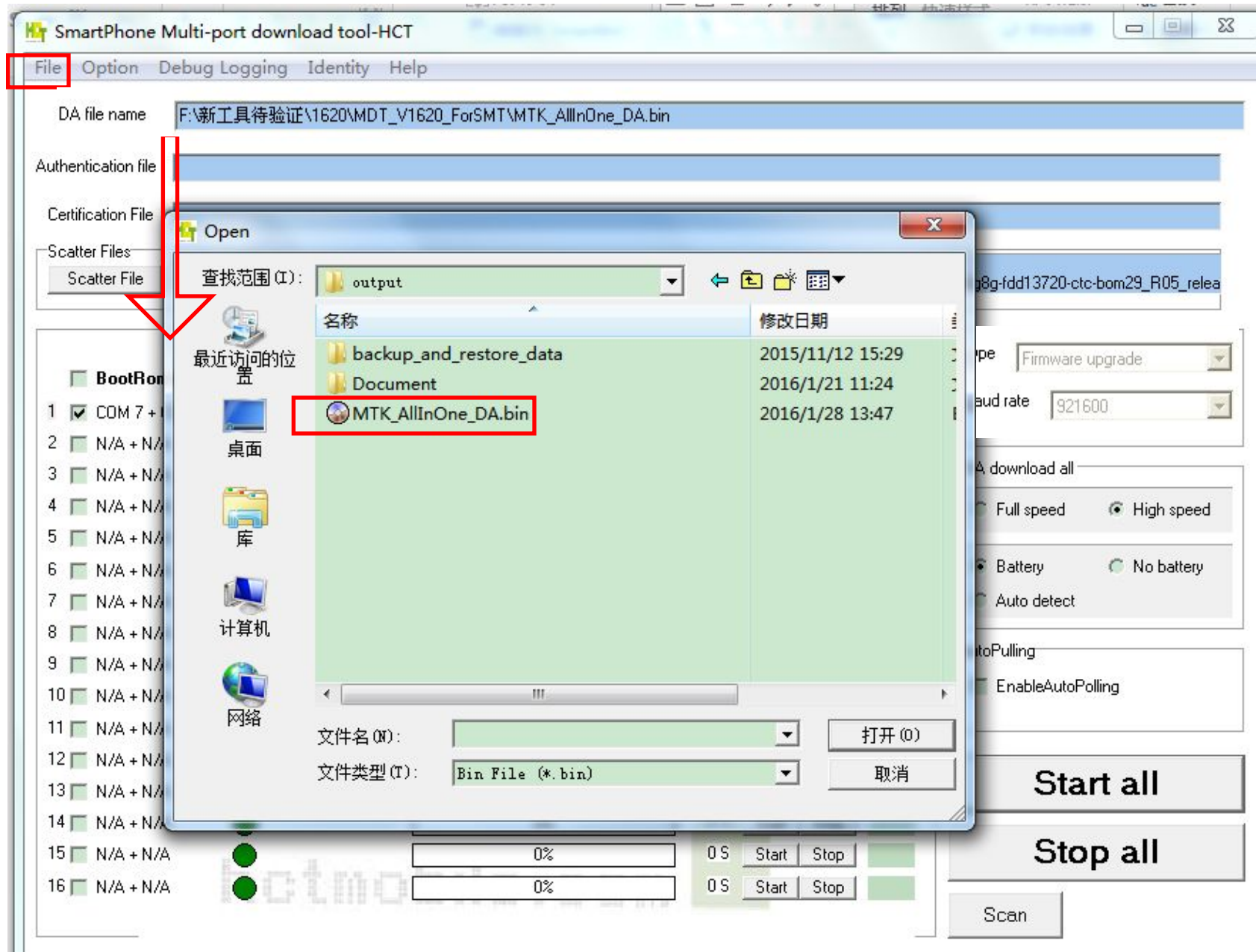
**Start all**

**Stop all**

Scan

Format EMMC flash: begin\_addr (0x0000000084000000), length (0x000000031ED80000). Auto Polling number:0

# MTK\_AllinOne\_DA.bin重新设置





# 工具解锁设置

The screenshot shows the 'SmartPhone Multi-port download tool-HCT(Operator Mode)' interface. The 'Identity' menu is open, showing the path: Identity > OperatorMode > SwitchToEngineer. A red arrow points from the 'SwitchToEngineer' option to a dialog box titled 'Identity'.

The dialog box contains the text: 'Please input password:' followed by a text input field. Below the field are 'Enter' and 'Cancel' buttons. At the bottom of the dialog, it says 'Default password:000'.

The background interface includes a menu bar (File, Option, Debug Logging, Identity, Help), a DA file name field (D:\工作文档\MT), an Authentication file field, a Certification File field, and a Scatter Files section with a file path: C:\Users\请新建自己的用户名\Desktop\data\t25y-onix-lt422-35mgu-wvga-64g8g-fdd13720-ctc-bom29\_R05\_release\t25y-onix-lt422-35mgu-wvga-64g8g-fdd13720-ctc-bom29\_R05\_rela.

Below the dialog, there is a list of COM ports (1-16) with checkboxes and status indicators. To the right, there are settings for Type (Firmware upgrade), Baud rate (921600), DA download all (Full speed, High speed, Battery, No battery, Auto detect), AutoPulling (EnableAutoPoling), and large buttons for 'Start all', 'Stop all', and 'Scan'.

# 工具密码更改

The screenshot shows the 'SmartPhone Multi-port download tool-HCT' interface. The 'Identity' menu is open, showing 'EngineerMode' and 'OperatorMode'. The 'Change Password' option is selected. A 'Password Setting' dialog box is open, prompting for 'Old Password', 'New Password', and 'Confirm Password'. A 'Set' button is visible. The background shows a list of COM ports and a 'Start all' button.

**SmartPhone Multi-port download tool-HCT**

File Option Debug Logging **Identity** Help

DA file name: D:\工作文档\MT

Authentication file:

Certification File:

Scatter Files:

Scatter File: C:\Users\请新建自己的用户名\Desktop\data\l25y-onix-lt422-35mgu-wvga-64g8g-fdd13720-ctc-bom29\_R05\_release\l25y-onix-lt422-35mgu-wvga-64g8g-fdd13720-ctc-bom29\_R05\_rela

**Identity**

- EngineerMode
- OperatorMode

SwithToOperator

**Change Password**

Old Password

New Password

Confirm Password

Set Cancel

Default password:000

原始密码

设置新密码

确认设置的新密码

BootRom+PreLoader COM Sel All

1	<input checked="" type="checkbox"/>	COM 7 + COM 5	<input checked="" type="checkbox"/>	Cksm(userdata) OK						
2	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
3	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
4	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
5	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
6	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
7	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
8	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
9	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
10	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
11	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
12	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
13	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
14	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
15	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							
16	<input type="checkbox"/>	N/A + N/A	<input checked="" type="checkbox"/>							

Firmware upgrade

Rate: 921600

Battery:  No battery

Auto detect

Pulling

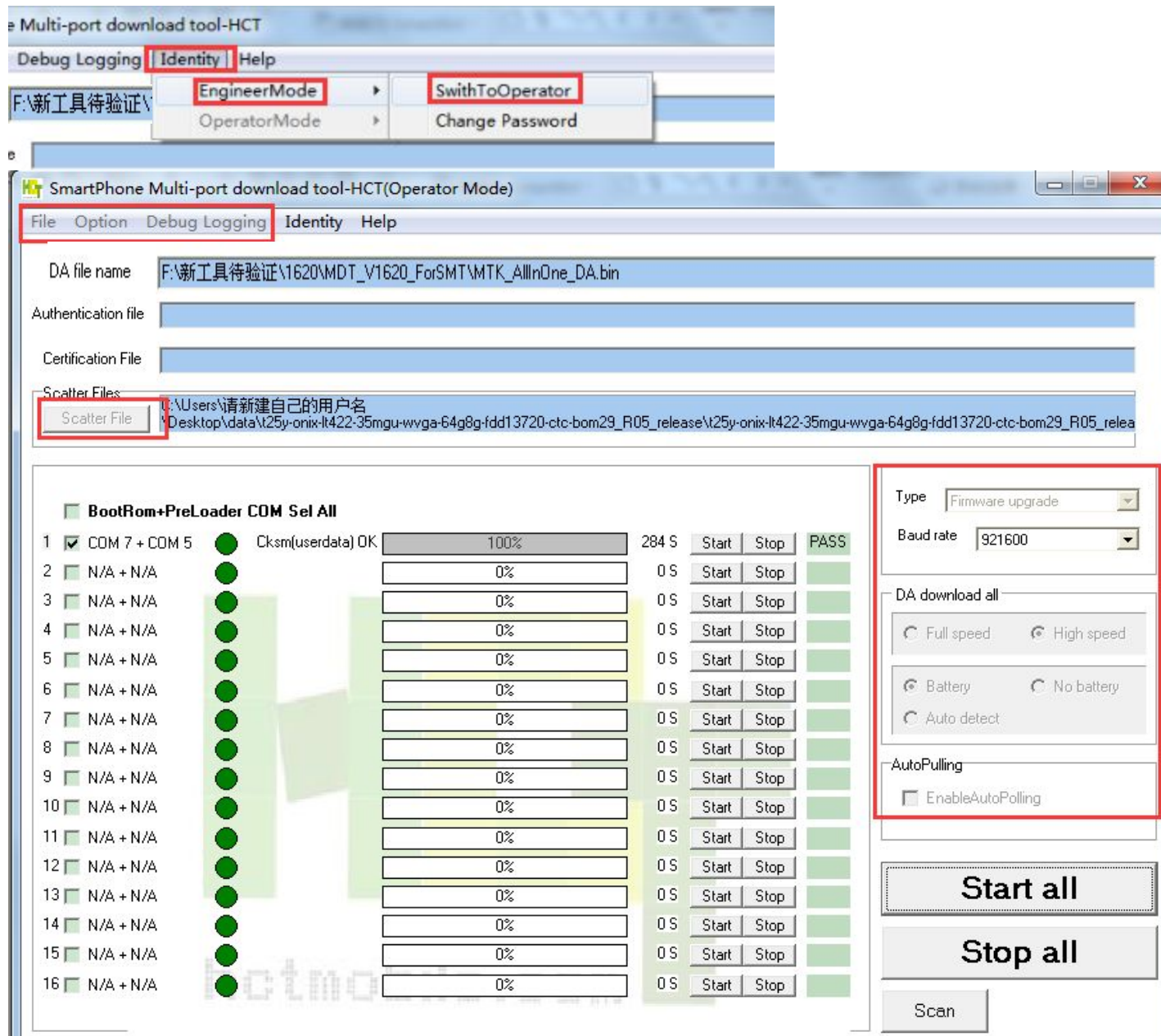
EnableAutoPolling

Start all

Stop all

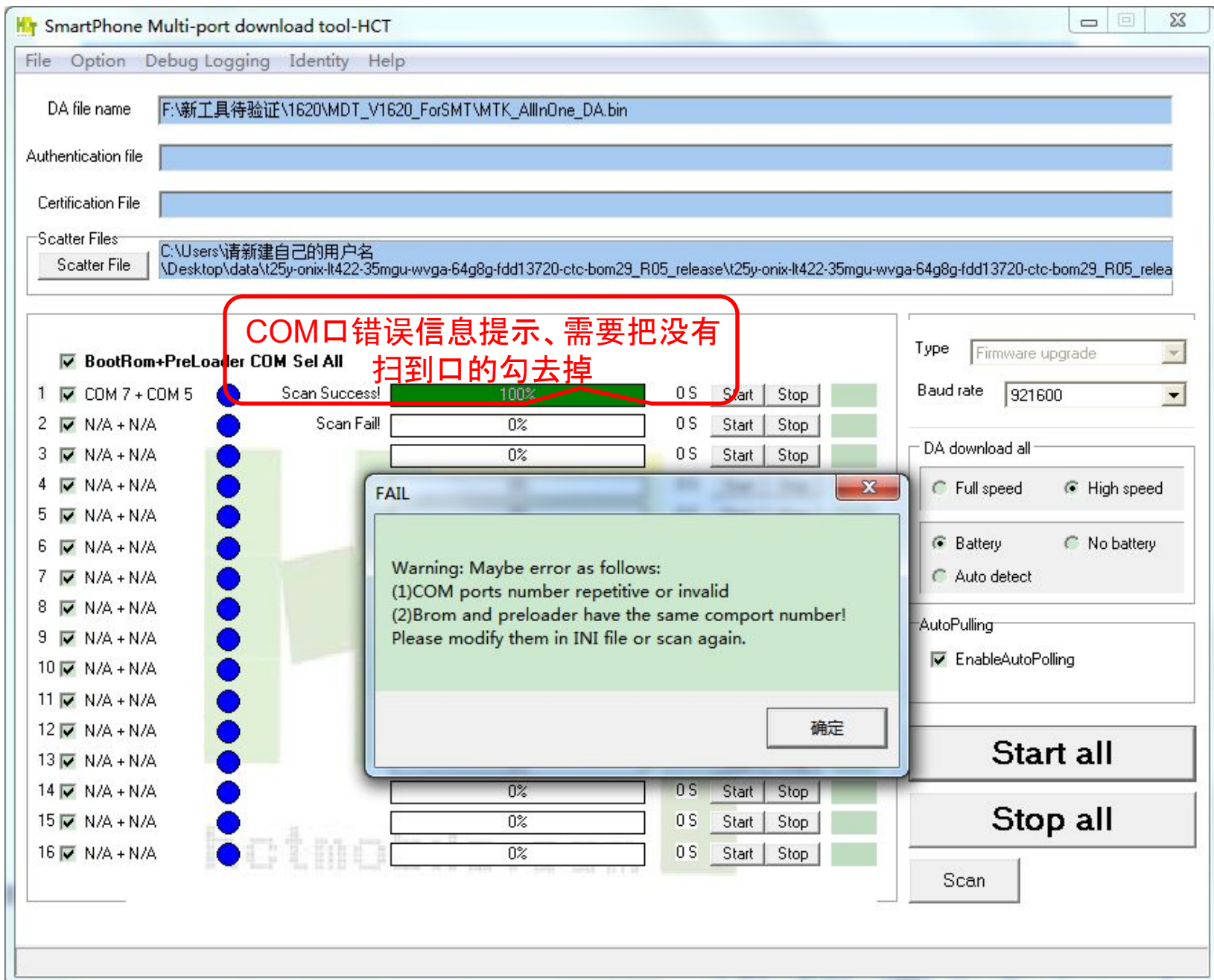
Scan

# SwitchToOperator之后设置与软件不可修改





# 点击Start all出现如图所示



# 其他设置说明

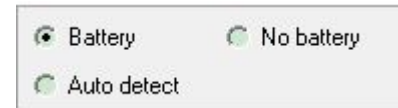
- 其他设置如图:加载模式, 和供电模式选择

- 供电模式:

Battery:带电池

No battery:不带电池

Auto detect:自动检测



- 加载类型:

Firmware upgrade:备份重要信息(像NV)到电脑  格式化  加载  从电脑端恢复备份的信息到手机()

备注:如果工具在配置时出现:

**The memory buffer for loading image verification fail !**

请检查软件中是否有checksum.ini文件,

如果没有, 需要 CheckSum\_Generate.exe 工具放到软件中运行检查手机软件的地址是否正确

