

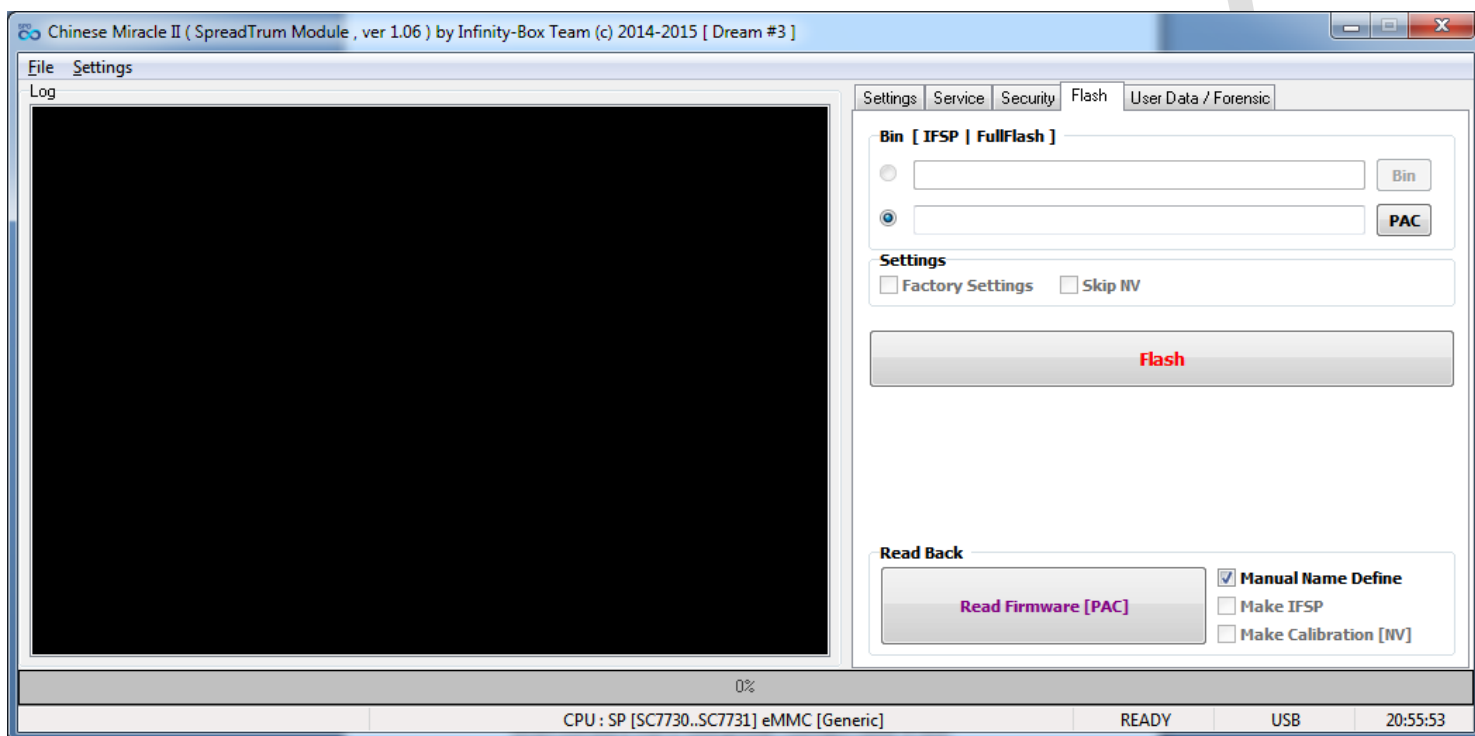
SPD FIRMWARE READ MANUAL

Requirements :

1. WinXP , Win7, Win8x or Win10 OS
2. Installed ADB drivers (can be used ANY package , from support, or already installed on PC from any brand)
3. Charged to 50% or more battery
4. Normal USB cable , without BootMode (short pin) , without HUB and etc.

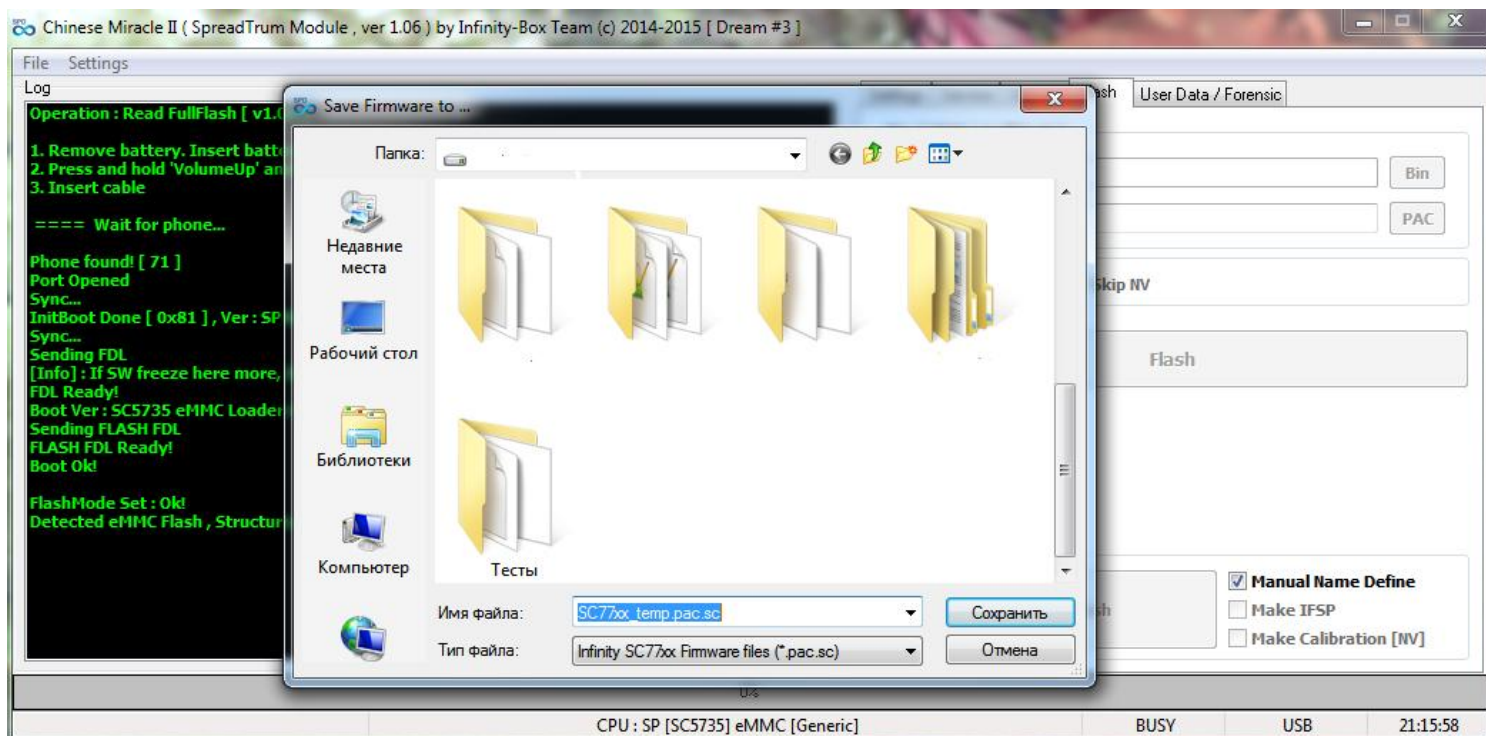
Read firmware :

- Open CM2SPD (version 1.06 or newer)
- Select Need CPU in settings
- Go to “Flash” Tab
- Press “Read Firmware [PAC]” button

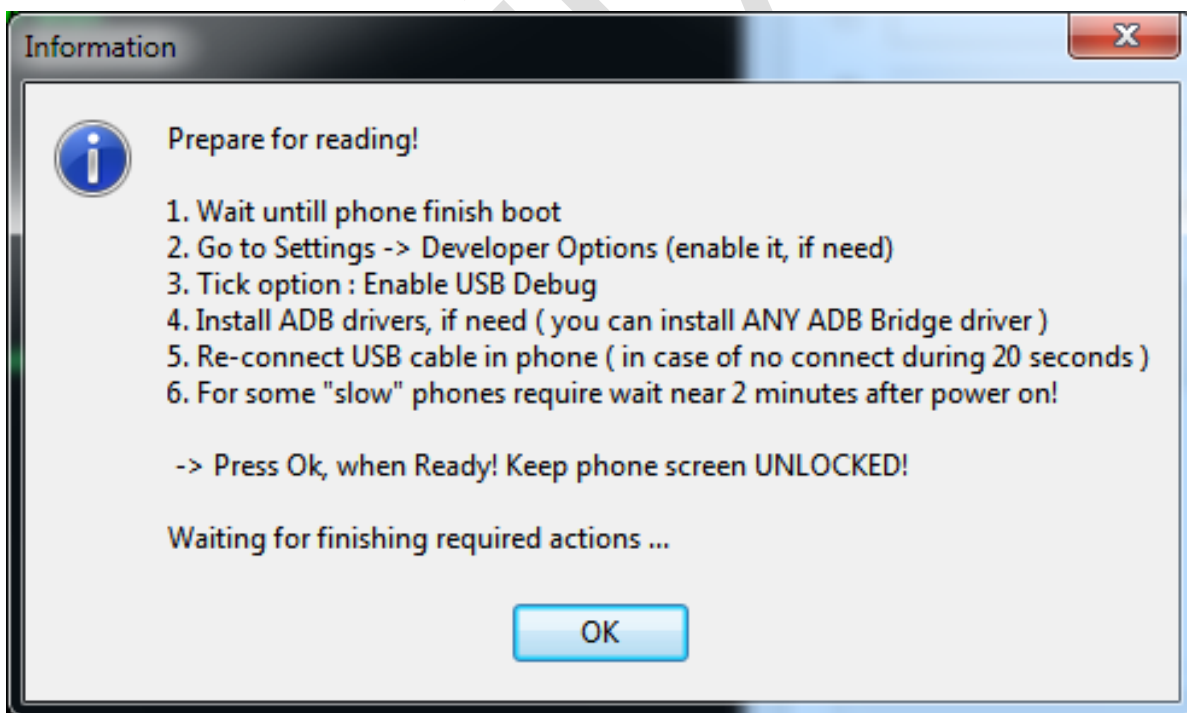


SPD FW Read Manual

If you select correct settings and follow requirements part, you will see “Save” conformation dialog. Select path, where you want to save firmware.



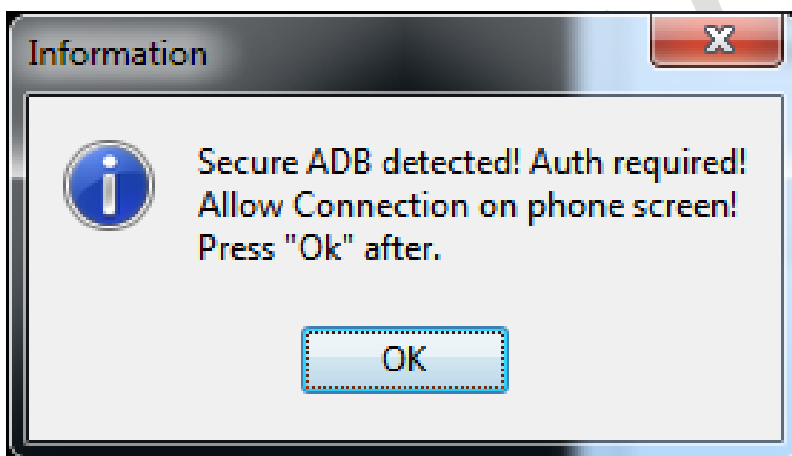
After path selection – SW will ask about wait, until phone boot.



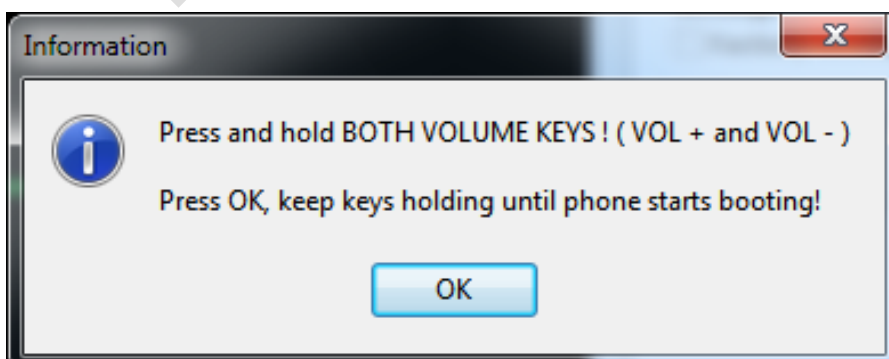
Now is required :

- **Wait until phone fully power on**
- **Go to Settings – About -> tap 5-8 times on “Build Number” , until message about success “Developer mode” is appear (if Developer Mode already enabled in settings – skip that step)**
- **Go to Settings – Developer Options. Enable USB Debug.**
- **Install ADB drivers, if need. You can install ANY adb driver on Android Debug Bridge device in “Device Manager”. It will work with ANY ADB driver.**
- **After drivers installed – re-insert USB cable. In some cases it required.**
- **Press OK only, after you done ALL steps!**

After success connect to device – program will ask about allow debug (Secure ADB) – press on Phone/Tablet “**Allow/OK**” button , then press “**Ok**” button in SPD module conformation window.



After success connection SPD module will ask to hold BOTH volume keys and press Ok after.



Hold keys until phone will start booting. In case of problem with reboot – fast re-insert battery, while holding volume keys (or press “Reset” button, if it tablet)

After just wait, until reading will be finished. It takes from 35 up to 70 minutes, depending on PC configuration and Phone/Tablet HW.

After read will be finished – Phone/Tablet will reboot.

Firmware read finished!

```
Log
Model Name : scx35_sp5735c2eaplus
Model Brand : Spreadtrum
Model Device: scx35_sp5735c2ea
AndrVersion : 4.4.2
BaseBand CPU: SP5735C2EA
Project Ver : KOT49H test-keys
Model Ext  : DEXP Ursus 7MV2 3G

[Read Mode] : HSUSB Enabled!

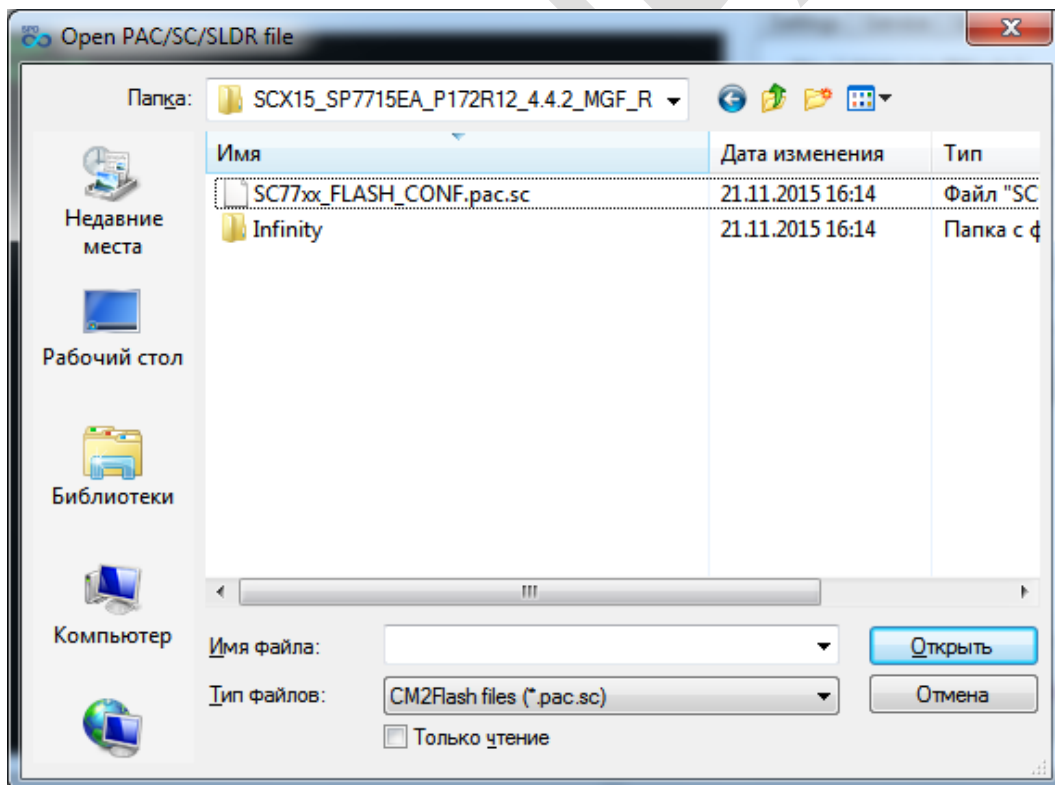
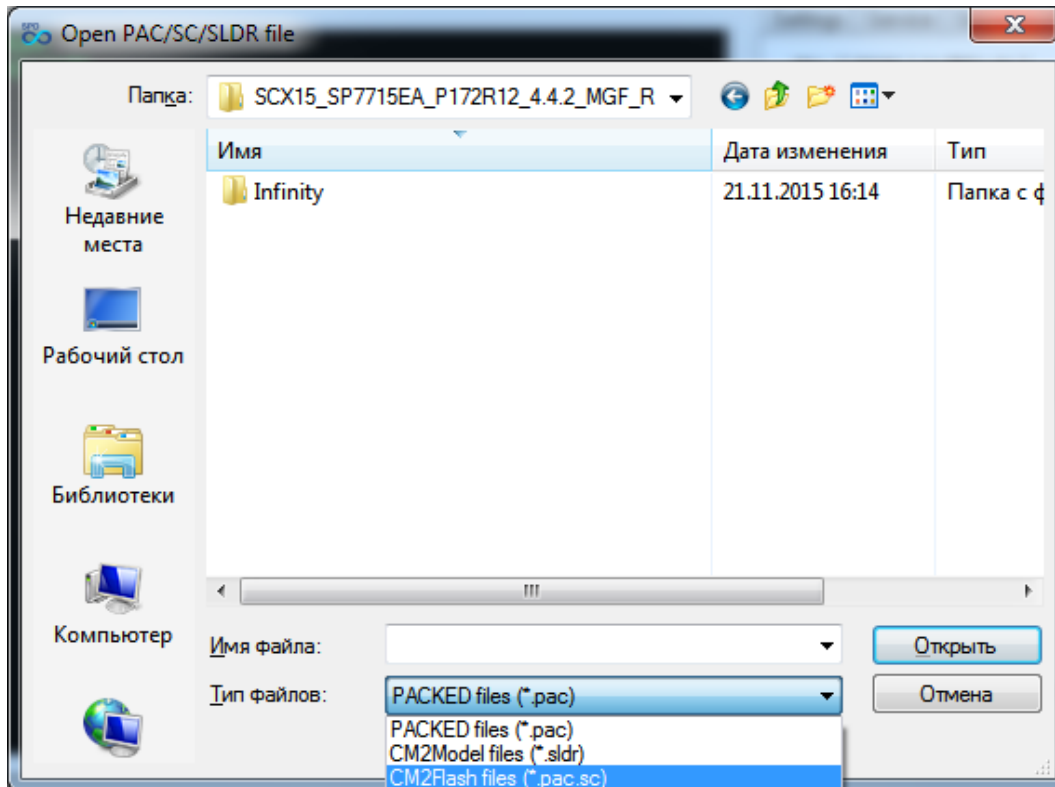
[eMMC_READER] : Reading Firmware Now ...

[Read Ok] : u-boot-spl-16k.bin
[Read Ok] : u-boot.bin
[Read Ok] : prodnv.img
[Read Ok] : sc8830_CP0_modem.bin
[Read Ok] : DSP_DM_Gx.bin
[Read Ok] : nvitem.bin
[Read Ok] : sc8830_modem_CP2_WCN_14C_W14.48_P2_Release.bin
[Read Ok] : nvitem_wcn.bin
[Read Ok] : logo_1024x600.bin
[Read Ok] : fblogo_1024x600.bin
[Read Ok] : boot.img
[Read Ok] : system.img
[Read Ok] : cache.img
[Read Ok] : recovery.img
[Read Ok] : userdata.img

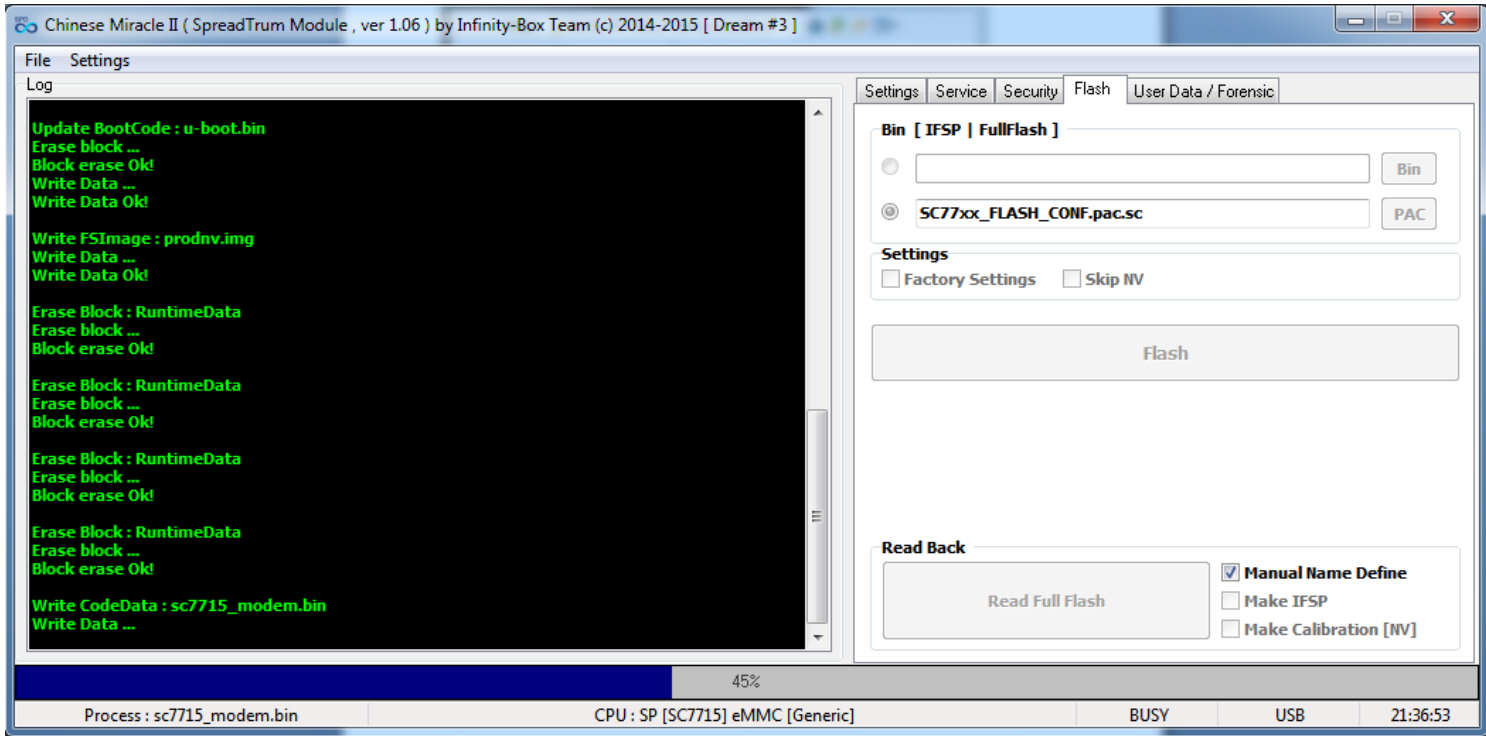
Firmware Size : 690 MiB
Saved to : D:\SP5735C2EA_scx35_sp5735c2ea_4.4.2_KOT49H_test-keys\
```

Flash Firmware :

There is NO any special requirements, except select in filter “**CM2FlashFiles : PAC SC**” file type, on “**PAC**” selection button.



After just press **Flash** button and connect phone.



Wait , until flashing will be finished.