

Smarc3399 Software Burning methods

V1.0





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	ТҮРЕ	N #	ENTS	
07/30/2022	Major	1.0	Initial version	YYJ

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1.SMARC3399 OS

SMARC3399 currently supports the system: Android 10.0/Debian

2.SMRAC3399 Android 10.0 burning methods2.1 Installation prerequisites

- Type-c data cable
- Host PC
- SMARC3399 Board
- Tweezers

2.2Step 1. Setting up the burn environment

Driver Download link:

https://mega.nz/file/p6pCVQSY#hq251ZW46uJAhBPCzLbvf6FIGg74Caim6zdvyQOi2d8

Download the tools from below website:

https://mega.nz/file/Ez4UwSIC#9MeZmbYQBhFHYVjqHbKcMrFHUkKCJ5ThWiXjql5kabg

- 1) Unzip the Driver file DriverAssitant_v4.5.zip on your PC, and run DriverInstall.exe ;
- 2) Unzip AndroidTool_v2.71_burn_tool.zip on your PC, open the config.ini file and

modify the value of Selected to 2 :

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	名称	修改日期	类型	大小	
	📕 bin	2017/11/15 18:12	文件夹		
	Language	2017/11/15 18:12	文件夹		
	Log	2019/3/21 12:28	文件夹		
	J. Output	2018/12/19 17:28	文件夹		
	退 Output_	2018/12/19 16:59	文件夹		
	🔀 AndroidTool.exe	2017/11/15 18:12	应用程序	1,076 KB	
	1003 Android开发工具手册.pdf	2017/11/15 18:12	看图王 PDF 文件	1,507 KB	
	Config.cfg	2019/3/15 11:28	CFG 文件	8 KB	
	🗿 config.ini 🛛 🛶 🚽	2019/2/28 16:04	配置设置	2 KB	
	config.null.std.cfg	2019/3/15 11:27	CFG 文件	8 KB	
L	config.origin.cfg	2017/11/15 18:12	CFG 文件	8 KB	
ſ	🥘 config.ini - 记事本				
	文件(F) 编辑(E) 格式(O) 查看(V) 幕	骤助(H)			
	#选择工具语言:Selected=1(中)	文);Selected=2(英文)	English		
Į.	[Language]				
L	Kinds=2				
L	Selected=2				
L	LangPath=Language\				
h	Lang1File=Chinese ini				
L	Lang1FontName=字体				
	Lang1FontSize=9				
1:	Lung I ontoize - o				
4	Lang2File=English.ini				
5	Lang2FontName=Arial				
	Lang2FontSize=9				
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3) Run AndroidTool.exe under the "AndroidTool_Release_v2.71" folder, and select

firmware:

Firmware download link and unzip :

https://mega.nz/file/EHNjEYqQ#61eprLz3Uz8i9P3IYOKmmNS3JegIfX_L0ScyXS6S-3c

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	— L X
Download Image Upgrade Firmware Advanced Function Firmware Upgrade Switch EraseFlash 2 Fw Ver: Loader Ver: Chip Info:	
Firmware:	
No Devices Found	
Download Image Upgrade Firmware Advanced Function Firmware Upgrade Switch EraseFlash	
Fw Ver: 7.1.00 Loader Ver: 1.15 Chip Info: RK330C	
Firmware: C:\Users\Administrator\Desktop\update.img	
Firmware: C:\Users\Administrator\Desktop\update.img	

4) Do not plug in power, Connect a 2pin holder with tweezers (pictured), and connect your PC and the board through the Type-C data cable, then plug-in power-adapter, (then turn on the power switch if the board has it), Connect for 5-10 seconds until appear "Found One LOADER Device" in the tool, see the pictures below:



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KKDevTool v2.71 – 🗆 X
Download Image Upgrade Firmware Advanced Function
Firmware Upgrade Switch EraseFlash
Fw Ver: 7.1.00 Loader Ver: 1.15 Chip Info: RK330C
Firmware: C:\Users\Administrator\Desktop\update.img
Found One LOADER Device

2.3Step 2. Bring the board into burn mode

- 1) Before Uprade, Erasing operation occurs first, Click "EraseFlash".
- 2) After Erase Flash, Click "Upgrade" and the upgrade details will be displayed on the

right, when the upgrade is complete, the box will restart automatically:



vnload Image	Upgrade Firmware Advanced Function		Test Device Start Test Device Success	
Firmware Fw Ver: Firmware:	Upgrade Switch EraseFlash 7.1.00 Loader Ver: 1.15 C:\Users\Administrator\Desktop\update	Chip Info: RK330C	Check Chip Start Check Chip Success Get FlashInfo Start Get FlashInfo Success Prepare IDB Start Prepare IDB Start Download IDB Start Download Firmware Start Download Firmware Start Download Firmware Success Reset Device Start Reset Device Start	
			Upgrade Complet	

2.4Step 3. Reboot and enjoy!

After burning is completed, connect to the LVDS screen, power supply through DC IN, you can experience.

3.Question& Answer:

Q: Can not connect to the PC via USB cable?

A:1.Please confirm whether it is a USB data cable, not a charging cable.

2.Please can't plug in power first, press and hold the update button first, connect your

PC and the box through the USB data cable, then plug-in power-adapter, (then turn on the

power switch if the box has it), hold the button for 5-10 seconds;

3.If none of the above works, please change a PC,or USB cable,or change a USB port on PC;

Q: Appear"Found One MASKROM Device" in the tool, not"Found One LOADER

Device"?

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A: Please click the EraseFlash option, waiting for completion, and then click "Upgrade" option…

Q: The update fail details has displayed on the right, not device Success?

A:1.Please try to download the firmware again,or check the MD5 value of the firmware with the provider;

2.Please change a type-C cable to retry,or change the USB port on the PC,preferably USB3.0,or change a PC to retry.