## Kind Reminder:

- 1. Please read this tutorial thoroughly before performing an upgrade!
- 2. Backup important data stored on the tablet before upgrading. If there is a micro SD card inserted, please remove it first.
- 3. Read these instructions carefully before upgrading, as flashing the system carries risks. Note: Flashing the system of the machine will clear all data on the tablet, please back up important data stored on the tablet before operating.

## I. Preparation:

 Prepare the firmware package. Based on the ID information on the back shell of the device, download the corresponding firmware zip package from the Teclast official website and extract the zip package. (Open Teclast official website: <u>http://www.teclast.com/</u>, go to the "Software Download" page and enter the corresponding ID according to the page prompts)

## Search by Product ID Number:



- 2. Make sure the tablet's battery is not in a low power state, it's recommended that the battery level is at least 30%.
- 3. Turn off the tablet.
- 4. Please disable antivirus software on your computer (some antivirus software may falsely report that the upgrade tool has a virus)

## II. Operating Steps:

1. Open the "Upgrade Tools" folder after unzipping, find the upgrade program icon as shown in the picture, and double-click to run:



2. Run "SPFlashToolV6.exe", if it's the first time your computer is running this upgrade tool, it will appear as shown in the picture:

△ Smart Phone Flash Tool V6(Runtime Trac File(E) Options(Q) Window(W) Help(H)	e Mode)	- 🗆 ×
BEOM Connection Battery ○ with battery ○ w/o battery ④ ento detect □ Anto Reboot	Download-DEL Authentication File Wgloome Forngt Bownload Beadback MenoryTest Download Stop	choose     choose
Chip: Device Info	Download Only     Name     Location	
	0 B/s 0 Bytes 0:00 0:00	

3. Click "Battery" mode to select "with battery" as shown in the picture:

Smart Phone Flash Tool V6(Run le(£) Options(Q) Window( <u>W</u> )				_		)
BROM Connection	Download-IML			~	📄 choos	20
Battery <ul> <li>with battery</li> </ul>	Authentication File			~	📄 choos	se
○ */o battery	Velcome Format	Download	Readback MemoryTert			
🔿 auto detect		0				
🗌 Auto Reboot	Download	Stop				
	Download Only	•				
ip:	Name		Location			
			0%			
	0 B/s	0 Byte	s 0:00 USB: DA D	ownload All(wi	th hat)	

4. Click the "choose" button in Download-XML in the upgrade tool (as shown in the red frame button), the program will pop up a file selection window, then find the "Firmware " folder in the path of the unzipped folder, find the "download\_agent" folder within the firmware program folder, select the "flash.xml" file and open, as shown in the picture:

Boral sed-00L.
Authentiestion File v ecosy Rglone Forsgt Rownload Resolver MesoryTest Download Stop
Download Only
Name     Location
64



5. After selecting the "flash.xml" and the firmware is loaded, select the upgrade mode in the upgrade tool as Firmware Upgrade, then click Download, as shown in the picture:

BROM Connection	Download-XML	C:\Users\sk1908\Desktop\Firmware\download_agent\flash.xml	~ cho
Battery with battery	Authentication File		~ 📄 cho
O w/o battery	Wglcome Format	Download Readback MemoryTest	
auto detest	Download	2 Stop	
p: ∎T6789	Firnware Upgrade	ン 1	
	preloader	Location C:\Users\sk1908\Desktop\Firmware\preloader tb8781p1 64.bin	
wise Info	preloader ba.	C:\Users\sk1908\Desktop\Firmware\preloader_bb/8781p1_64.bin	
	✓ vbmeta a	C:\Users\sk1908\Desktop\Firmware\vbmeta.img	
	vbmeta_syste	C:\Users\sk1908\Desktop\Firmware\vbmeta_system.img	
	vbmeta_vend	C:\Users\sk1908\Desktop\Firmware\vbmeta_vendor.img	
	✓ md1img_a	C:\Users\sk1908\Desktop\Firmware\md1img.img	
	☑ spmfw_a	C:\Users\sk1908\Desktop\Firmware\spmfw.img	
	🗹 pi_img_a	C:\Users\sk1908\Desktop\Firmware\pi_img.img	
	🗹 dpm_a	C:\Users\sk1908\Desktop\Firmware\dpm.img	
	🗹 scp_a	C:\Users\sk1908\Desktop\Firmware\scp.img	
	✓ sspm_a	C:\Users\sk1908\Desktop\Firmware\sspm.img	

6. Turn off the machine, connect the USB cable to the computer, the program automatically burns the firmware, the burning process is as shown in the picture:



7. The entire upgrade process takes about 3 minutes. Note that the upgrade is only complete when the "Download OK" prompt appears, as shown in the picture:

battery   v/o battery   uato datest   Auto Reboot     bip:   T16789   perios Enfo   DA HW info:   random_id   73a24fc0048   2cb24f6748ba   2cb24f6748ba   607c8de5   block_size   0x1000   uat_size   0x30000000   uat_size   0x400001   uat_size   0x400001   uat_size   0x400001   uat_size   0x400001   uat_size   0x400000   uat_size   0	BROM Connection			Downlos	ad-XML	C:\Users\sk	1908\Deskto	\Firmware\do	wnload_agent\flash.xml 🗸 📄
v v is bittery a sto datest A sto Rebort bir: TT6789 Periors Info DA HW info: ram_size 0x20000000 bittery_voltag 374 e' ram_size 0x20000000 bittery_voltag 374 e' ram_size 0x20000000 bittery_voltag 374 e' voltadest	Battery								
• usto detect       Auto detect         • Auto detect       Boundoad         • Auto Robort       If and the second	<ul><li>with battery</li></ul>			Authent	ication File				× 🗖
Auto Babost         Auto Babost         Speniord         Stop         Jornal and         Stop         Jornal and Stop         Speniord         Stop         Jornal and Stop         Speniord         Stop         Jornal and Stop				¥ <u>e</u> lco	me Forn <u>a</u> t	Download	Readback	Memory <u>T</u> es	t
Junitaria     Junitaria       Junitaria	🔾 auto detect					0			
Name       Location         Perior Info       preloader       C         DA HW info:       preloader       C         am_stize       0x20000000       cm       termsteine         battery_voltag       3374       V       termsteine         e       0x100000000       taiming       termsteine         y vbmeta_a       C       termsteine       termsteine         vbmeta_a       C       termsteine       termsteine         vbmeta_e       C       termsteine       termsteine         vbmeta_a       C       termsteine       termsteine         vbmeta_vend       C       termsteine       termsteine         vbindex_ize       termsteine	Auto Reboot				Download	Stop			
Jewies Infe         Location           DA HW info:			_	Firm	ware Upgrade	-			
perior Info                perioader               c               perioader               der_tb3781p1_64.bin          DA HW info:              ram_size             0x20000000             battery_voltag             3374             e             vbmeta_a             c             vbmeta_vend	hip:	<b>I</b> T6789			Name				
DA HW info:       Image: Construction of the state of th	Durley Tefe		-		preloader		ownload Ok		× ader_tb8781p1_64.bin
Warms         Transize         0x20000000           battery_voltag         3374           e         3374           andom_id         73a24fc0048           Zeba246748ba 607c8de5         c           607c8de5         semfe_a           Storage         UFS           block_size         0x10000           ua0_size         0x400000           ua1_size         0x40000					preloader_ba.	c			ader_tb8781p1_64.bin
battery_voltag         3374           e         3374           random_id         73a24fc00d8           2ba246748ba 607c8de5         c           607c8de5         spmfse_o           2back_size         0x1000           lad_size         0x40000           lad_size         0x40000           lad_size         0x40000           lad_size         0x309600000				Ø	vbmeta a	G			taima
audion_jologi       7342         audom_idi       73247c0048         zabadom_idi       73247c0048         zeba26748bas       607c8de5         storage       UFS         block_size       0x1000         ua0_size       0x400000         ua1_size       0x400000         ua1_size       0x400000         ua1_size       0x30560000         ua2_size       0x30560000					vhmeta svste	0			ta system ing
random_idi     f73a24fc00d8 2eb246748ba 607c8de5     Image: Comparison of the symbol storage     Image: Comparison of the symbol symbol block_size     Ox1000       block_size     0x40000     Image: Comparison of the symbol dpm_a     C/Users/sk1908/Desktop/Firmware/spmfwimg       ua_size     0x40000       ua_size     0x40000       ua_size     0x40000       ua_size     0x40000       ua_size     0x40000		3374			- 7	6			
Zeolayo / 406 a         Zeolayo / 406 a           607C8de5         Image: Spmfw_a         C/Users/sk1908/Desktop/Firmware/spmfwimg           storage         UFS         Image: Spmfw_a         C/Users/sk1908/Desktop/Firmware/spmfwimg           block_size         0x400000         Image: Spmfw_a         C/Users/sk1908/Desktop/Firmware/spmfwimg           ua1_size         0x400000         Image: Spmfw_a         C/Users/sk1908/Desktop/Firmware/spmfwimg           ua2_size         0x3096000000         Image: Spm_a         C/Users/sk1908/Desktop/Firmware/spm.ing	random id	f73a24fc00d8			-				
storage         UFS         pime.a         Climenski 1000 Desktop   Fimmare kalma   ma           block_size         0x1000         Idama         Climenski 1000 Desktop   Fimmare kalma         Ima           ua0_size         0x400000         Idama         Climenski 1000 Desktop   Fimmare kalma         Ima           ua1_size         0x400000         Ima         Climenski 1000 Desktop   Fimmare kalma         Ima           ua2_size         0x3b96000000         Ima         Climenski 1000 Desktop   Fimmare kalma         Ima	_					C:\Users\			
block_size         0x1000         Image: Constraint of the second of the					spmfw_a	C:\Users\	sk1908\De	ktop\Firmwa	ire\spmfw.img
Lua_size         0x400000	storage								
lua1_size         0x40000           lua2_size         0x3b9600000           or x3b9600000         c:\Users\sk1008\Desktop\Firmware\sspm.ing					dpm_a	C:\Users\	.sk1908\De	ktop\Firmwa	ire\dpm.img
lua1_size         0x40000           lua2_size         0x3b9600000	lua0_size	0×400000			scp. a	C/Users/	.sk1908\De	ktop\Firmwa	re\sco.ing
	lua1_size	0×400000							
lua3_size 0 literational literation literatio literation literation literation literatio	lua2_size	0x3b96000000			sspm_a	C:\Users\	(SK1309/D6i	sktop\Firmwa	ire\sspm.img
	lua3_size	0			80.0110.000 A	Cilleare	-1-1000 D	late of Elements	rahma un ina

8. The entire upgrade is now complete, unplug the data cable, manually turn on the machine, the first boot time after firmware upgrade will be longer than usual, please be patient.