Update SPlan Knob via USB

1. Hardware preparation

(1) You need to prepare a micro USB cable. The length of the metal part of this micro USB should be greater than or equal to 8 millimeters. A common one with a length of 6 millimeters is not long enough. Or you can transform the common 6-millimeter micro USB so that it can be inserted into a slot as deep as 8 millimeters.



(2) Connect one end of the micro USB cable to the computer, and the other end to the micro USB socket on the circuit board of the knob.



2. Software preparation

Unzip the compressed file flash_download_tool.zip provided by us. Run the executable file flash_download_tool_3.9.7.exe.

名称	修改日期	类型	
~ 很久以前			
🔅 flash_download_tool_3.9.7.exe	2024/6/7 20:42	应用程序	
release_note.txt	2024/6/7 17:34	文本文档	
🚞 bin	2024/6/7 17:29	文件夹	
📒 logs	2024/6/7 17:28	文件夹	
📒 secure	2024/3/19 14:45	文件夹	

(2) After running the **flash_download_tool_3.9.7.exe**, the following dialog box will pop up. Select
 "Chip Type" as "ESP32 - S3" and click OK.

ि C:\Users\lai\Downloads\flash_	×	+	~				
DOW	′N	-		×			
ChipTyp	oe:	ESP32	-53	`			
WorkM	ode:	Devel	ор	~			
LoadMo	ode:	UART		~			
		OK					



3. Download the BIN file

- (1) If there are multiple serial ports in the COM combo box, the following steps are required to confirm. If there is only one, you can skip these steps.
 - 1 Press the "Windows key + R" to open the "Run" dialog box.
 - 2 Type "**devmgmt.msc**" in the "Run" input box and then press Enter.
 - ③ Confirm the COM port number corresponding to the knob by plugging and unplugging the USB terminal on the computer.
 - > 打印机
 > 电池
 > 端口 (COM 和 LPT)
 USB Serial Port (COM2)
 USB 串行设备 (COM23)
- (2) Select the COM number by which the knob is recognized in the COM combo box. Then click "START" to initiate the download. After waiting for the "FINISH" prompt to appear in the status, unplug and replug the USB to perform a reset.

ESP32S3 FLASH DOWNLOAD TOOL V3.9.7	- 0	×	ESP32S3 FL	ASH DOWNLOA	d tool v3.9.7	-	- 0	×
SPIDownload			SPIDownloa	d				
 _\bin\v1005\partition-table.bin _\bin\v1005\SPlanKnob_v1.0.5_beta.bin _\bin\ota_data_initial.bin 	Ø 0x8000 Ø 0x10000 Ø 0xd000 Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø		Abin\v10 Abin\v10 Abin\v10 Abin\v10 Abin\ota Abin\ota	05\partition-ta 05\SPlanKnob _data_initial.bin g SPI MODE	ıble.bin _v1.0.5_beta <mark>.</mark> bin n		0x8000 0x10000 0xd000 0	
SPI SPEED SPI MODE 40MHz QIO 26.7MHz QOUT 20MHz DIO 0 B0MHz DOUT 0 FASTRD	DetectedInfo flash vendor: EFh : W flash devID: 4018h QUAD;16MB crystal: 40 Mhz		 40MHz 26.7MHz 20MHz 80MHz 	QIO QOUT DIO DOUT FASTRD	DoNotChgBin LockSettings CombineBin Default		flash vendor: EFh : W flash devID: 4018h QUAD;16MB crystal: 40 Mhz	•
		-						
DownloadPanel 1			DownloadPar	nel 1				
Download 下载中 AP: F0F5BD49E319 STA: F0F5B BT: F0F5BD49E31A ETHERNET:	D49E318	*	FINISH 完成	AP: F0F5BD498 BT: F0F5BD498	319 STA: F0F5BE 31A ETHERNET:	049E3	18	•
START STOP ERASE COM: BAUD:	COM23 115200		START	STOP	RASE COM: BAUD:	COM 1152	23 00	

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