# Upgrade firmware instructions

## 1. Download the software we provide and unzip the current file

→ ↓ 计算机 → 产品图片 (G:) →	最新版本PC软件-2022-03-01 → 02-DL24、DL24M等电子负载新版电脑软件V1.0.1 →			
文件(F) 编辑(E) 查看(V) 工具(T) 帮助(H	1)			
组织 ▼ 包含到库中 ▼ 共享 ▼ 养	確文件夹			
▲ 🚖 收藏夹	名称	修改日期	类型	大小
🚺 下载	01-DL24M DL24 electronic load software V1.0.1 version	2022/04/09 9:44	文件夹	
📃 桌面	🌙 02-Upgrade software	2022/03/05 16:48	文件夹	
🗐 最近访问的位置	03-DL24_M(0-600W) upgrade firmware V1.3.bin	2022/03/01 15:18	BIN 文件	86 KB
	04-DL24_M(0-3000W) upgrade firmware V1.3.bin	2022/03/01 15:40	BIN 文件	88 KB
<b>二</b> 库	05-Tips : Solve software display problems	2022/03/01 9:26	文本文档	1 KB
	Upgrade software Upgrade software	2020/11/09 17:14	PDF 文件	500 KB
	Impact → Impact	2022/03/01 9:30	JPG 文件	91 KB
	■ 屏幕显示比例调节 (Adjust screen display ratio)	2022/03/01 9:30	JPG 文件	91 KB

## 2. open **02-Upgrade software** folder, and open our upgrade firmware software

名称	修改日期	类型	大小
SileConvert.dll	2019/07/23 16:24	应用程序扩展	6 KB
IapConfig	2021/03/25 14:25	配置设置	1 KB
🔹 Upgrade software	2019/09/03 15:32	应用程序	58 KB

- 3. After the software is opened, it will look like this:
- 1. The data interface (COM) between the product device and the PC
- 2. Firmware upgrade rate (Note: The baud rate can only be selected at 9600 and cannot be changed)
- 3. When the PC finds the power bank, configure the correct port and baud rate and click connect
- 4. 0x1000 must be filled in here and cannot be changed
- 5. Firmware upgrade program file path, select the .BIN firmware you need to upgrade
- 6. Transfer progress (0-100%)
- 7. Serial port (successful connection will be displayed after the match is successful)

🔹 IAP_Demo	1		2				•	x
串口配置 端口: C	OM1 🔹	波特率:	9600	•	j	3 连接		
文件传输	19	94 	-					
目标地址:	0x1000	下载	4		5			
文件路径: 传输进度:	\04-DL24_M(0-3000W	∛) upgr⊨de	firmware	V1.3.bin		6 0%		
						版本:	V0.3	
串口关闭 7								- 31

#### 4. Search product Bluetooth on PC (we take DL24M product as an example)

First of all, you need to prepare a computer that can connect to the Bluetooth SPP protocol. (WIN7 WI10) desktop and notebook are both available. (If the computer has Bluetooth, but the power bank cannot be searched, the Bluetooth transmission protocol cannot be matched. The power bank Bluetooth only supports the SPP protocol., the solution is to repurchase a Bluetooth adapter with SPP protocol)

#### **Control Panel >> Hardware and Sound >> Devices and Printers**



5. Open Devices and Printers and click Add Device

文件(F) 编辑(E) 查看(V) 工具(T) 帮助(H) 添加设备 1 添加打印机	(字) 『 添加设备
Windows 可以显示増强型设备图标和来自 Internet 的信息。请单击进 4 打印机和传真 (10) Adobe PDF Brother HL-L2360D Brother HL-L2360D Series Series [3c2af4c5d9f5] [30055cf67583]	选择要添加到此计算机的设备 Windows 将继续查找新设备并将其显示出来。
WPS导出为PDF 4 设备 (5)	如果 Windows 找不到设备,该如何操作?
	下一步(N) 取消

6. Select the Bluetooth name ending with \_SPP for pairing

选择配对选项		
为我创建 此设备具有一	改码(C) 个数字小键盘。	
◆ 输入设备的 此设备附带一 检查设备上或	D配对码(E) 个配对码。 设备手册中的配对码。	DL24M_SPP
不使用代码 这种类型的设	勤进行配对(P) 备(如鼠标)不需要安全连接。	
如何判断我的设备别	否有配对代码?	

7. The input password is: 1234 or 0000

	☞ 添加设备	
	输入设备的配对代码	
]	1234 代码显示在设备上或设备随附的信息中。	DL24M_SPP
	如果我找不到设备配对代码怎么办?	
		下一步(N) 取消

8. It can be viewed in the device manager, the paired serial port number is COM28



9. Open the upgrade firmware, click connect(2), select the serial port number

**COM28(1)**, and select the upgrade firmware(3)

IAP_Demo						X
串口配置 端口: C	OM28 1	▼ 波特率	<b>率:</b> 9600	- <	断开	2
文件传输 目标地址: 文件路径:	0x1000	下载 (0-3000W) upgr	<b>4</b> rade firmware	V1. 3. bin	3	
传输进度:					0%	
					版本: VO	. 3
OM28打开成功,派	2特率9600					

10. During the upgrade process, keep the device powered off, Bluetooth connection



11. Finally click download (4) until the green scroll bar reaches 100%

🤹 IAP_Demo	
串口配置 端口: COM28 → 波特率: 9600 →	断开
文件传输 目标地址: 0x1000    停止 文件路径: \04-DL24_M(0-3000W) upgrade firmware V1.3.bin	
传输进度: <mark>Managan Andrea Andrea</mark>	60%
开始下载	版本: VO.3

12. When the device is upgrading the firmware, the product screen will be turned off,

# please do not power off, please do not power off, please do not power off, until the

🤹 IAP_Demo		
串口配置 端口: (	COM28 · 波特率: 9600 ·	断开
文件传输 目标地址: 文件路径:	0x1000 下载 \04-DL24_M(0-3000W) upgrade firmware V1.3.bin	
传输进度:		100%
下载完成!		版本: V0.3

upgrade is 100% successful, the screen will display!

The upgrade is successful, complete!

For some customers, the serial port number will be garbled, please reset the serial port number (COM) according to the following method, and then you can upgrade the firmware!

			and the second second	
】固件升级(firmware update)				
串口配置				
端口: COM21c	▼ 波特率:	9600	*	连接
文件传输				
文件路径:				
传输进度:				0%
	<u>त</u>	载		
			版	<b>本: Ⅴ0.</b> 3
旧关闭				

If the serial port number is garbled or has English numbers and cannot be selected when upgrading the firmware, then you need to change the serial port number, because the serial port number is occupied, you need to re-modify it to another serial port number!

# 現 硬件 服务 DU24M_SPP ひ含功能: 名称 常 Bluetooth 钳接上的标准串行 (COM2) 章 Bluetooth 钳接 (COM2) 章 Bluetooth 钳接 (COM2) 章 Bluetooth 钳 (Bluetooth ) 章 Bluetooth 钳 (Bluetooth ) 章 Bluetooth 钳 (Bluetooth ) 章 Bluetooth 钳 (Bluetooth ) 章 Bluetooth ) 章 Bluetooth 钳 (Bluetooth ) 章 Bluetooth ) 章 Bluet	EXAMPLE 1       类型       端□ (co)   M 协议 TDI) #2 上       属性 (&)	Bluetooth 链接上的标 常规 端口设置 Click h	注串行 (COM2) 屋住 驱动程序 详细信息 <b>住口の</b> (本)(初(0)): の 新規位の): の 新規位の): の の の の の の の の の の の の の の の の の の の	00 - - - - - - - - - - - - - - - - - - -			
LO DL24M_SPP 确定 Click here	<b>取消</b> 应用(A)	COM2 的高级设置 使用 PIF0 选择较低设 选择较低设 接收缓冲区 (8): 传输缓冲区 (7): COM 端口号 (7):	缓中区 (需要 16550 兼 置以纠正连接问题。 置以提高性能。 低(1) 低(1) 00043 (使用中 00044 (使用中 00044 (使用中 00044 (使用中 00044 (使用中 00045 (使用中	The seria COM2, c COM38	ire ها port r hange i	α4) α6) ium t to	● ● 一 取消 一 取消 ・ 默认值 ①)