

--	--	--	--	--	--	--

- ☐ AET-H743-BASIC ☐☐☐☐☐☐☐☐☐☐
- ☐ AET-H743-BASIC ☐☐☐☐☐☐☐☐☐☐
- ☐ AET-H743-BASIC ☐ INAV☐☐ Ardupilot☐☐☐☐☐☐
- ☐ AET-H743-BASIC ☐☐☐☐☐☐☐☐☐☐ QGC/MP☐☐



AET-H743-BASIC



USB

← 更新驱动程序 - USB 串行设备 (COM4)

你要如何搜索驱动程序?

→ 自动搜索驱动程序(S)

Windows 将在你的计算机中搜索最佳可用驱动程序，并将其安装在你的设备上。

→ 浏览我的电脑以查找驱动程序(R)

手动查找并安装驱动程序。



← 更新驱动程序 - USB 串行设备 (COM4)

浏览计算机上的驱动程序

在以下位置搜索驱动程序:

C:\Users\ [redacted] \Documents

浏览(R)...

☒ 包括子文件夹(I)

选择要为此硬件安装的设备驱动程序



请选定硬件设备的厂商和型号，然后单击“下一步”。如果手头有包含要安装的驱动程序的磁盘，请单击“从磁盘安装”。

☒ 显示兼容硬件(C)

型号

-  ArduPilot
-  USB 串行设备
-  USB 串行设备



这个驱动程序已经过数字签名。

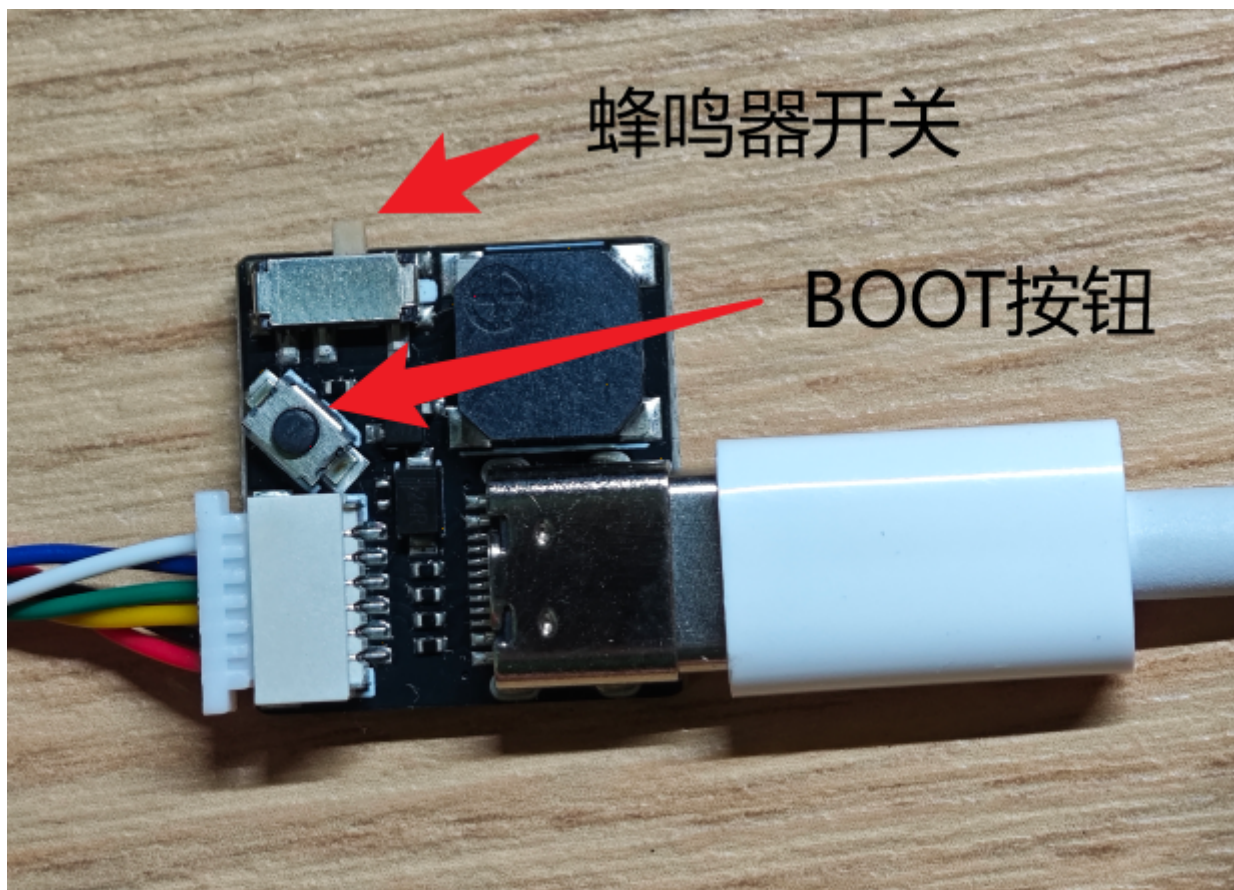
[告诉我为什么驱动程序签名很重要](#)

从磁盘安装(H)...

[illegible]

Diagram illustrating the layout of a 16GB USB drive. The drive is divided into three main sections:

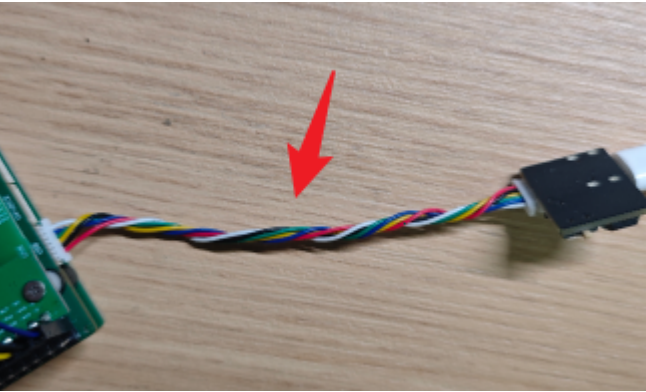
- USB2.0 (4GB):** The first section, labeled "USB2.0", is formatted with FAT32.
- Type-C (4GB):** The second section, labeled "Type-C", is formatted with exFAT.
- BOOT (8GB):** The third section, labeled "BOOT", is formatted with NTFS and contains the Windows operating system.



❗

- 在 BIOS 中设置 USB 为第一启动项
- 在 BIOS 中设置 BOOT 模式为 Legacy
- 在 BIOS 中设置 USB 为第一启动项

在 BIOS 中设置 USB 为第一启动项 “USB” USB 为第一启动项 USB 为第一启动项

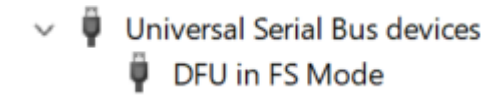


② 在 Windows 中安装驱动

在 Windows 中安装驱动 DFU 模式

在 Windows 中安装驱动 Windows 10 系统 DFU 模式 STM32 开发板

在 Windows 中安装驱动 Windows 10 系统 “Universal Serial Bus devices” “DFU in FS Mode”

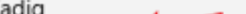


在 Windows 中安装驱动 在 Windows 中安装驱动

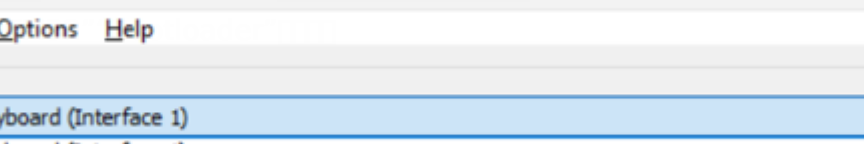
① 在 Windows 中安装 zadig 驱动

在 Windows 中安装 zadig 驱动

1. 在 Windows 中安装 Windows defender 驱动



UCB V... *... Large Duke or Composite Parents*



Zadig

Device Options Help

USB Keyboard (Interface 1) Edit

USB Keyboard (Interface 1)

LIGHTSPEED Receiver

LIGHTSPEED Receiver

LIGHTSPEED Receiver

LIGHTSPEED Receiver

LIGHTSPEED Receiver

LIGHTSPEED Receiver

LIGHTSPEED Receiver

USB Keyboard (Interface 2)

MYSTIC LIGHT

DFU in FS Mode

USB Receiver (Interface 0)

DFU in FS Mode

Driver WinUSB (v1.1.0.0) → WinUSB (v6.1.7600.16385)

USB ID 0483 DF11

Upgrade Driver

Upgrade Driver

Upgrade Driver

②

--	--	--	--

--	--	--	--

The diagram shows the components of STM32CubeProgrammer. It includes a 'STM32' block with three sub-blocks, a 'STM32CubeProgrammer' block with ten sub-blocks, and a 'STM32CubeProgrammer' block with two sub-blocks.

STM32CubeProgrammer

[illegible]

--	--	--	--

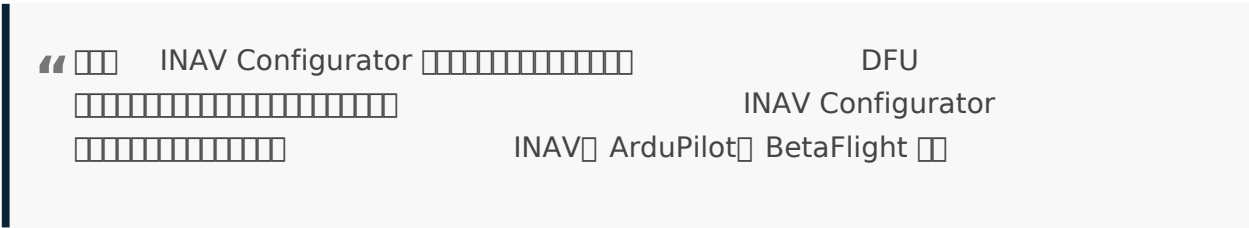
“DFU in FS Mode”



DFU



① INAV Configurator



1. INAV Configurator
2. DFU
3. Firmware Flasher
4. Load Firmware [Local]
5. Full chip erase
6. Flash Firmware
- 7.
- 8.

② STM32CubeProgrammer

1. STM32CubeProgrammer
2. USB
3. Port USB1
4. Connect

5. Open File
6. Download
7.

③ MissionPlanner

“ MissionPlanner DFU

“ MissionPlanner 1.3.82


- ## 1. MissionPlanner

2.   



3.

--	--	--	--	--	--	--	--







--	--	--	--

 "

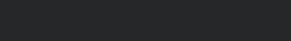
--	--	--	--

 "

4.

5.    "  "

- 6.
-

7. 

8.

9. ☒ MissionPlanner ☐

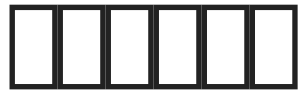
Intel HEX image parsed successfully.

Device found in DFU mode.

- [illegible]

如何安装 AET-H743-BASIC 固件

INAV 固件安装 Ardupilot



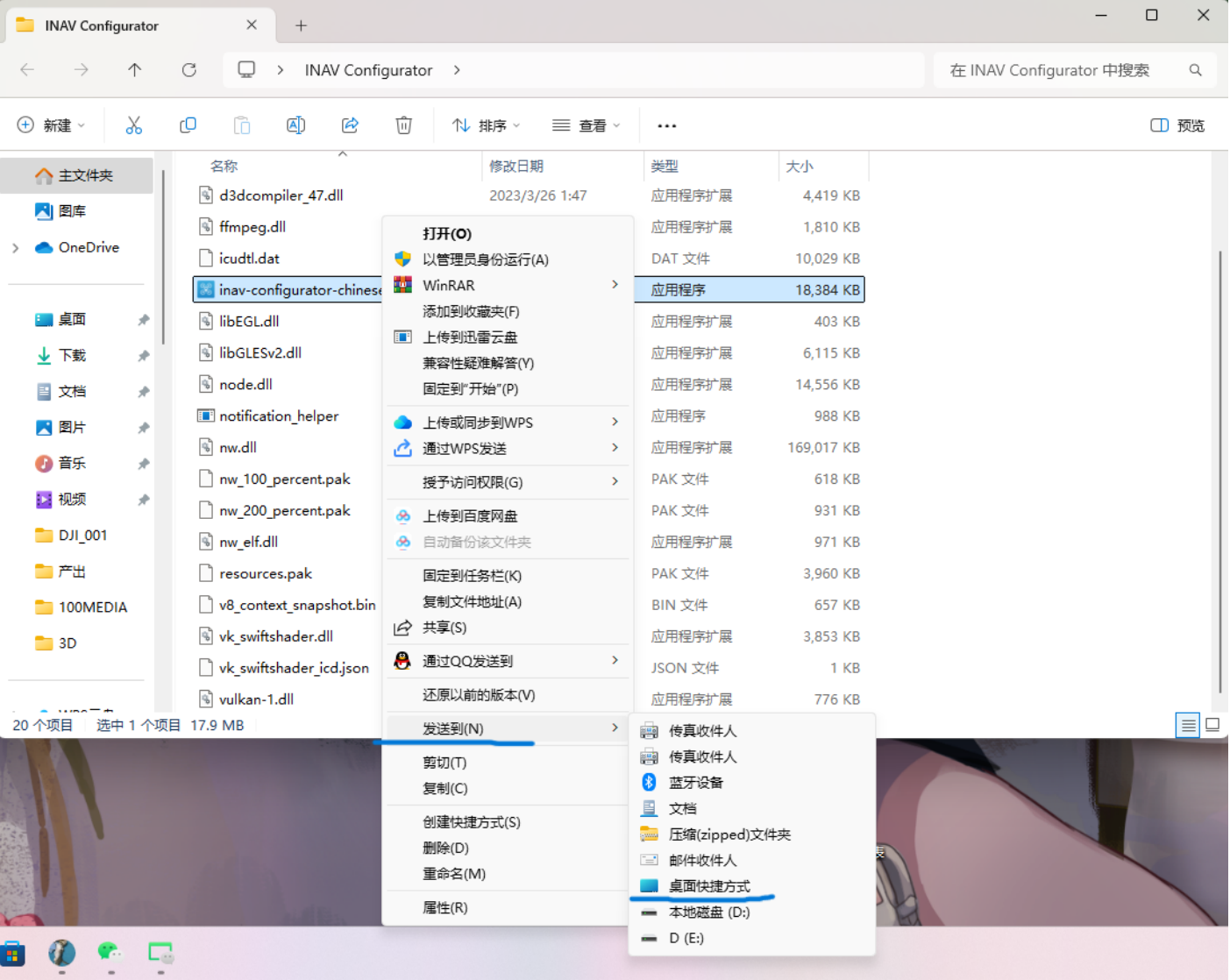
INAV 固件 Ardupilot 固件 <https://download.aeroeggtech.com/>

如何安装 INAV 固件

1. 下载 INAV 固件

2. 将 INAV 固件文件复制到 .exe 文件中

3. 运行 - 命令 - 安装





AET-H743-BASIC



QGC/MP



AET H743

UART7

USB



USB

UART7

Serial7

SERIAL7_BAUDRTE 115

SERIAL7_OPTIONS 0

SERIAL7_PROTOCOL 2

Mission Planner 1.3.81 build 1.3.8741.25556 ArduPlane V4.5.4 (e8f937aa)

飞行数据 飞行计划 初始设置 配置/调试 模拟 帮助

基本调参

扩展调参

标准参数

高级参数

Onboard OSD

MAVftp

User Params

全部参数表

Planner

命令	值	Default	单位	选项	描述	Fav
CAN_SLCAN_SERNUM	-1	-1		-1: Disabled 0: Serial0 1: Serial1	Serial Port ID to be used for temporary SLCAN iface. -1 means no temporary serial. This parameter is automatically reset on reboot or on timeout. See CAN_SLCAN_TIMEOUT for timeout details	
SERIAL_PASS1	0	0		-1: Disabled 0: Serial0 1: Serial1	This sets one side of pass through between two serial ports. Once both sides are set then all data received on either port will be passed to the other port	
SERIAL_PASS2	-1	-1		-1: Disabled 0: Serial0 1: Serial1	This sets one side of pass through between two serial ports. Once both sides are set then all data received on either port will be passed to the other port	
SERIAL6_BAUD	115	57		1: 1200 2: 2400 4: 4800	The baud rate used for Serial6. Most stm32-based boards can support rates of up to 1500. If you setup a rate you cannot support and then can't connect to your board you should load a firmware from a different vendor's board. That will reset all user parameters to defaults	
SERIAL6_OPTIONS	0	0			Control over UART options. The InvertRX option controls invert of the receive pin. The InvertTX option controls invert of the transmit pin. The HalfDuplex option controls half-duplex (onewire) mode, where both transmit and receive is done on the same pins. This option enables all the RX and TX pins to be	
SERIAL6_PROTOCOL	2	-1		MAVlink2	Control what protocol Serial6 port should be used for. Note that the Fraky options require external converter hardware. See the wiki for details	

加载

保存

写入参数

刷新参数

比较参数

所有单位都会以原始格式保存, 不会被编辑

3DR_Iris+ AC34 psi

加载参数

重置为默认值

搜索

SERIAL6

Modified

None Default



USB

ATE-

H743_SPP

添加设备



添加设备

确保你的设备已打开并可被发现。在下面选择要连接的设备。



ATE-H743-SPP

取消

MissionPlanner



□□ QGroundControl□□□□

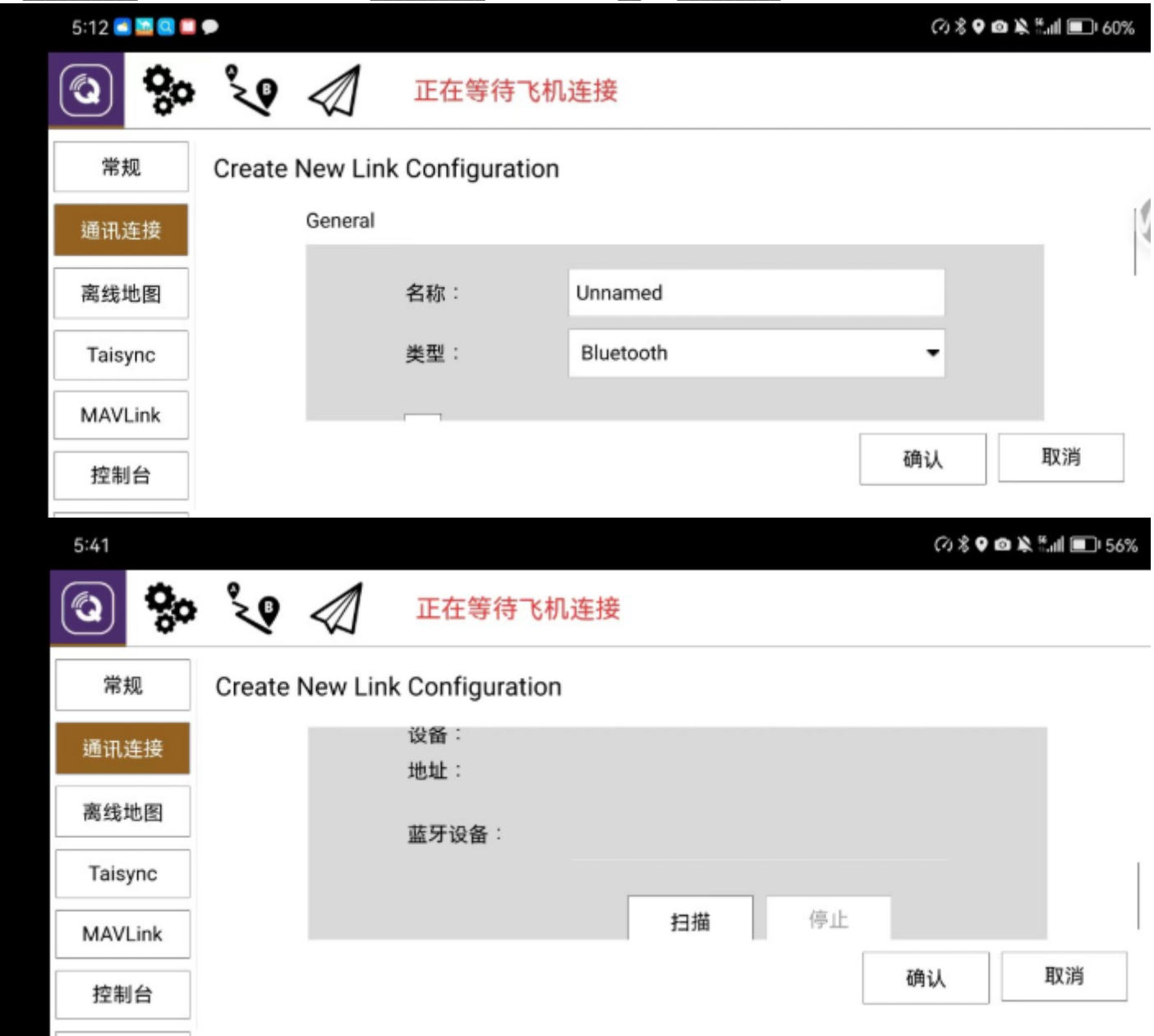
1. ☐ QGC☐☐☐☐☐☐☐☐☐☐ Q☐☐☐



2. “ ” “ ”



3. Bluetooth " "



4. AET-H743-BASIC

5. " " "