1. Install driver **DriverAssitant\_v5.1.1/DriverInstall.exe** in Windows.

2. Open the side cover of the -HT-M02 and connect the computer via USB.

3. Open the tool - RKDevTool\_Release\_v2.8/RKDevTool.exe.

4. Press and hold down the button in the cover and power on. The system displays that the loader device is discovered.

「我近点开发上具 VZ.8 下载镜像 升级固件 高级功能	下载Boot开始		
固件   升级   切換   擦除Flash     固件版本:   1.0.00   Loader版本:   1.01   芯片信息     固件:   I:\kK3566\update=pro=rk3566-debian=20220515=2306	下載Boot成功   等特Maskrom开始   等特Maskrom成功   第行Maskrom成功   预试设备开始   预试设备成功   校验芯片成功   获取FlashInfo成功   淮备IDB开始   淮备IDB开始   淮省IDB开始   淮省IDB开始   市或IDB开始   東京Boot成功   下载IDB开始   東台设备开始   重启设备开始		
发现一个LOADER设备			

5. Erase flash and burn firmware: Switch to upgrade firmware, click the button "Firmware" to select update-pro-rk3566-debian-20220515-230650.img, wait until the loading is complete, click the button "erase flash", wait until the pop-up prompt box "Erase flash successfully", click the button "Upgrade". Wait for firmware burning to finish.

6. Burn boot image: After the firmware is successfully burned, wait for about 2-3 minutes, press and hold the button in the cover plate, and then power on.

**************************************					NO LBA Size Name
#		地址	名字	路径	02 0x00006000 0x00002000 misc
1		0x00000000	Loader	X:\1_source_code\a5_Android11_29\rockdev\Ima	ge-rk3566_rgo\MiniLoaderAll.bin pt
2	Г	0x00000000	Parameter	X:\1_source_code\a5_Android11_29\ro	04 0x00028000 0x00020000 recovery
3		0x00004000	Uboot	X:\1_source_code\a5_Android11_29\ro	05 0x00048000 0x00010000 backup
4		0x00006000	Misc	X:\1_source_code\a5_Android11_29\ro	06 UxU0068000 UxU3997691 rootis
5		0x0000A000	Dtbo	X:\1_source_code\a5_Android11_29\ro	
6		0x0000C000	vbmeta	X:\1_source_code\a5_Android11_29\ro	
7		0x00008000	Boot	I:\RK3566\HT-M02-boot-20230517.img	
8	Г	0x00028000	Recovery	X:\1_source_code\a5_Android11_29\ro	
9	Г	0x001D6800	Super	X:\1_source_code\a5_Android11_29\ro	
<				>	
Load	ler :		执行	切换 设备分区表 清空	

7. After the machine starts, view the IP address of the machine on the router. connect the machine through ssh, and log in to the user name root and password root.

## 8. Run the initialization command:

## (Hardware version ETH)

rm -rf init\_M02\* && wget http://minerback.heltec.cn/download/init\_M02\_extraServer.sh && chmod +x init\_M02\_extraServer.sh && ./init\_M02\_extraServer.sh

## (Hardware version ETH+4G)

rm -rf init\_M02\* && wget http://minerback.heltec.cn/download/init\_M02\_extraServer.sh && chmod +x init\_M02\_extraServer.sh && ./init\_M02\_extraServer.sh 4G

# (Hardware version ETH+WiFi)

rm -rf init\_M02\* && wget http://minerback.heltec.cn/download/init\_M02\_extraServer.sh && chmod +x init\_M02\_extraServer.sh && ./init\_M02\_extraServer.sh WIFI

# (Hardware version ETH+WiFi+4G)

rm -rf init\_M02\* && wget http://minerback.heltec.cn/download/init\_M02\_extraServer.sh && chmod +x init\_M02\_extraServer.sh && ./init\_M02\_extraServer.sh WIFI 4G

After the execution is complete, the device will restart. By default, the ETH is the WAN port and the Wi-Fi is the hotspot. The default hotspot SSID is HT-M02-AP and the password is heltec.org. After connecting to the hotspot, open http://192.168.4.1 to access the web configuration page. The login name and password are HT-M02 and heltec.org. ssh login user name root , Password heltec.org.

9. Update the web page

rm -rf update\_M02\* && wget http://minerback.heltec.cn/download/update\_M02.sh && chmod +x update\_M02.sh && ./update\_M02.sh.