
D2D Applicaiton





Rev: 1.0

List

1. Product	3
2. Hardware.....	3
3. Software	3
4. HARDWARE connection.....	4
4.1. Test.....	4

1. PRODUCT

This document is applicable for the following product, the following take E11 for example.

 Ethernet IOT	 Wi-Fi IOT	 GPRS IOT	 4G IOT
FreeRTOS Embedded Network Device [Eport-E20-PIN] [Eport-E20] [Eport-E30] Linux Embedded Network Device [Eport Pro-EP20-PIN] [Eport Pro-EP20] Ethernet Serial Server [HF5111A] [HF5111B] Multiple Port Ethernet Serial Server [HF5142A] [HF5142B]	Wi-Fi Serial Module [Wport-W20] [Wport-W10] Wi-Fi Serial Server [HF2211] [DTU-H100] Multiple Port Wi-Fi Serial Server [HF2221] Wifi router (rail) [HF8104W]	GPRS Serial Server [HF2111] [HF2111A]	4G Serial Server [HF2411] 4G+WiFi+GPS Serial Server Device [HF2421G] 4G+WiFi Serial Server [HF2421] Rail 4G Router [HF8102] [HF8104]

 Elfin IOT	 IO Control
4G_LTE [Elfin-EG4X] GPRS [Elfin-EG1X] Wi-Fi [Elfin-EW1X] Ethernet [Elfin-EE1X]	Wi-Fi IO [HF6208] Ethernet IO [HF6508]

2. HARDWARE

- Elfin-EG10 2 Pcs

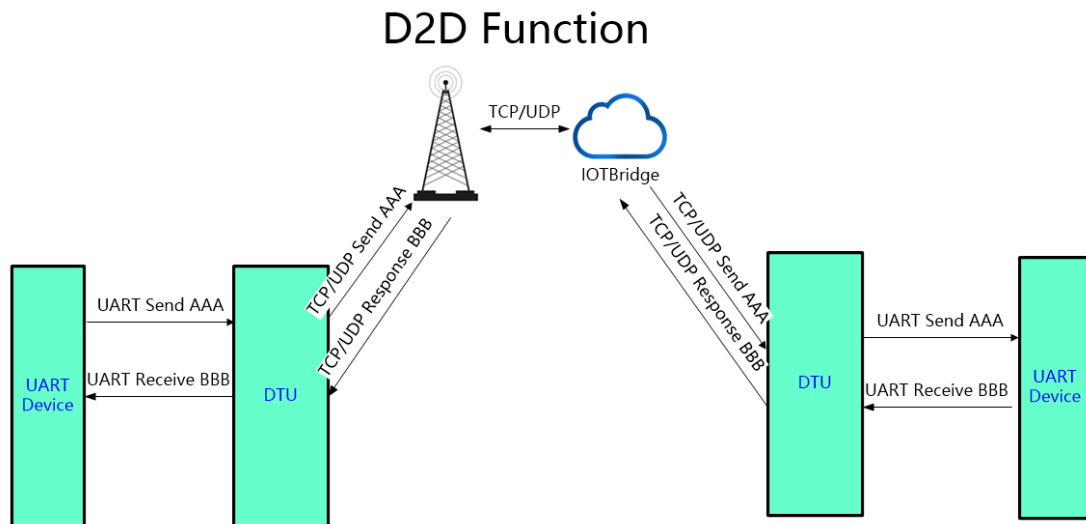
3. SOFTWARE

- UART Tools
- IOTService

4. HARDWARE CONNECTION

4.1. Test

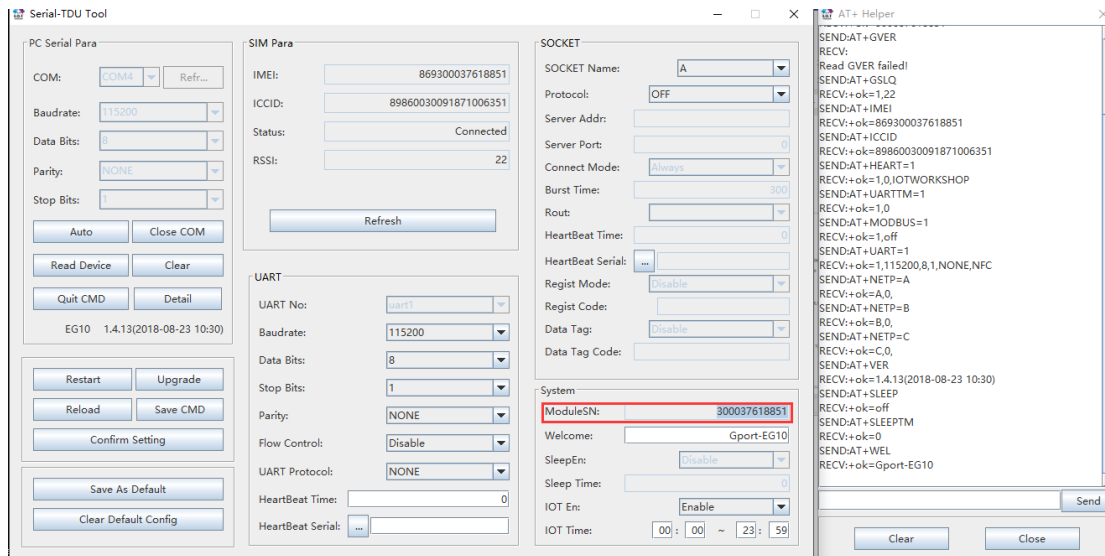
- Conect as following



- Start IOTService and get the device MAC(SN)

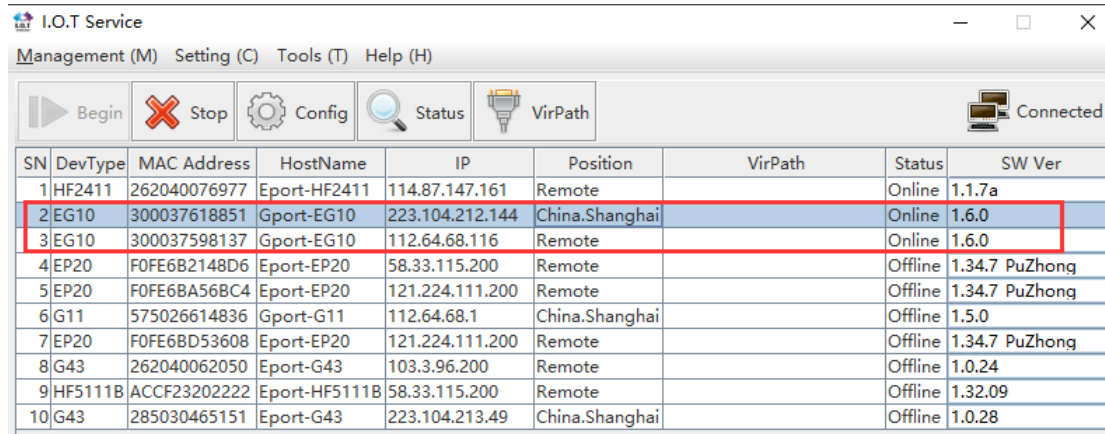
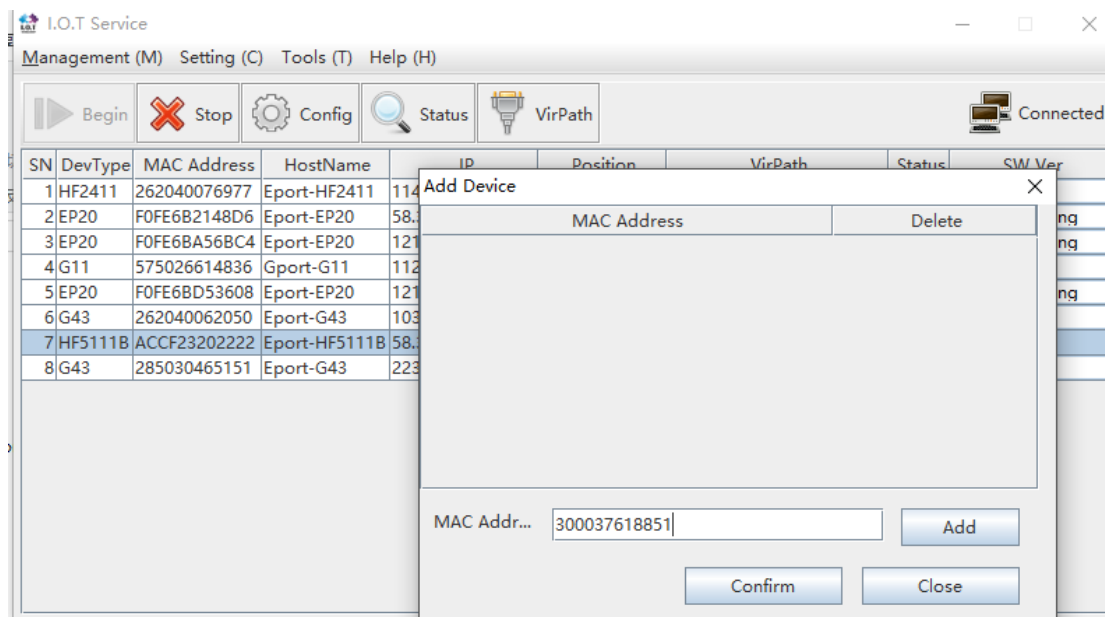
Device A: 300037598137

Device B: 300037618851

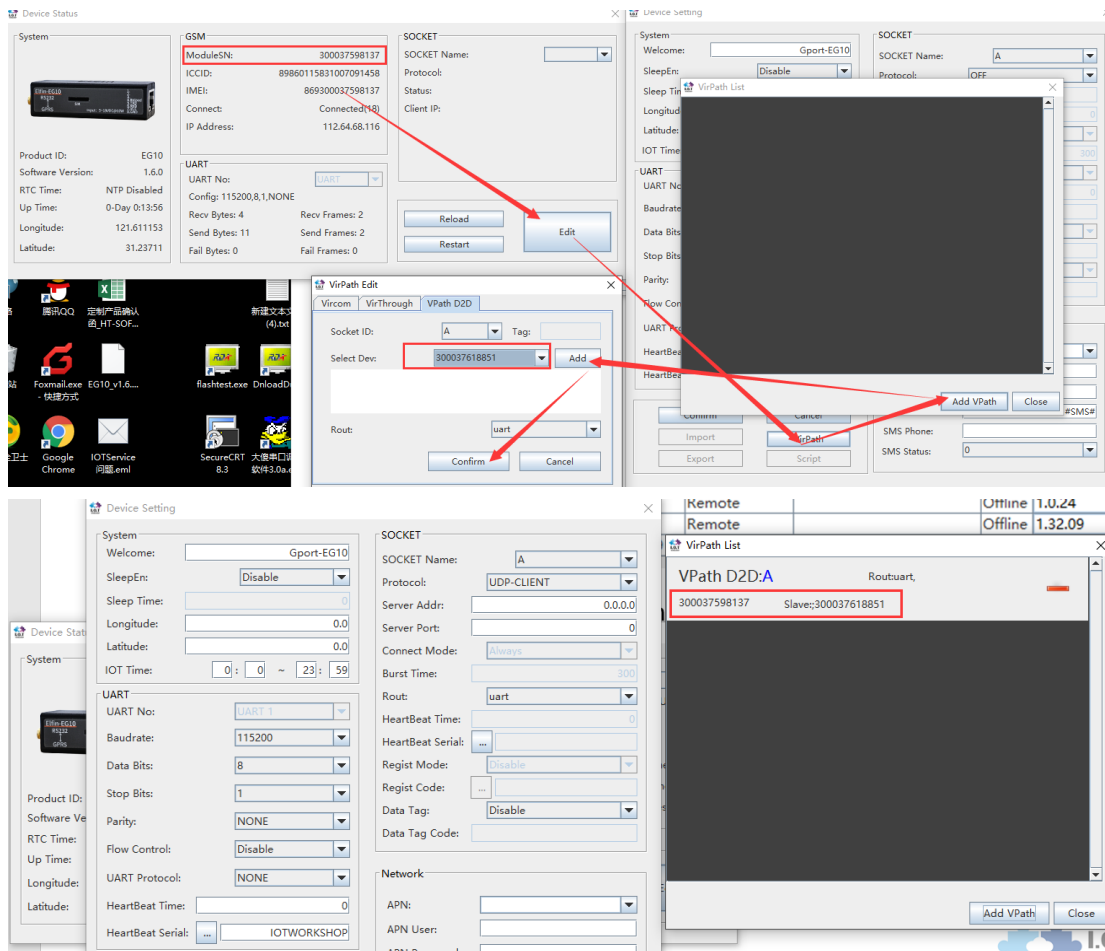


- Login IOTService and add this device(See detail in IOTService doc)

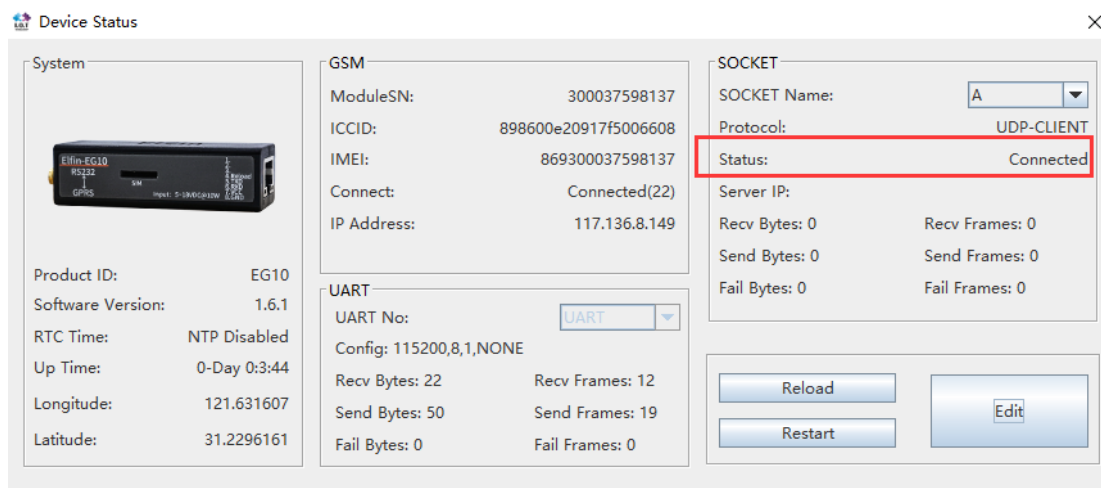
<http://www.hi-flying.com/download-center-1/applications-1/download-item-iot-service>

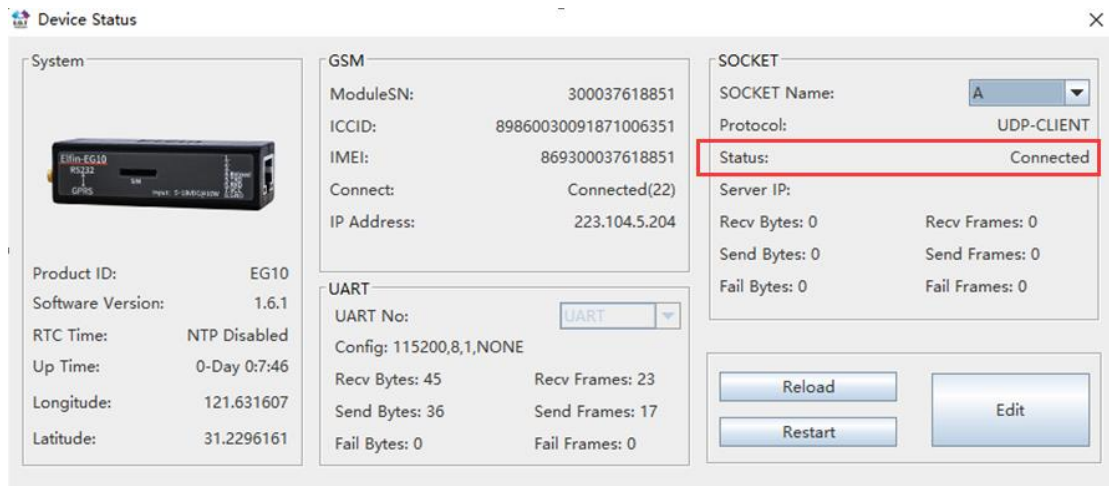


- Device A and Device B in D2D. Then A is used as master, B is slave.



- Check A add B device Socket status, all shows connected.





- Send UART data to each other.

