

Information and adjustment methods identified by k210

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[Information display of k210 identification icon](#)

[k210 How to use another model](#)

Information display of k210 identification icon

- When 1 is recognized, the word "one" will be framed and marked.
- When 2 is recognized, the word two will be framed and marked
- When a right turn is recognized, the word right will be framed and marked.
- When a left turn is recognized, the word left will be framed and marked
- When the speed limit 30 is recognized, the word limitSpeed will be framed and marked.
- When the speed limit 30 is released, the word freeSpeed will be framed and marked.
- When the horn is recognized, the word horn will be framed and marked
- When a red light is recognized, the word red will be framed and marked
- When the green light is recognized, the word green will be framed and marked

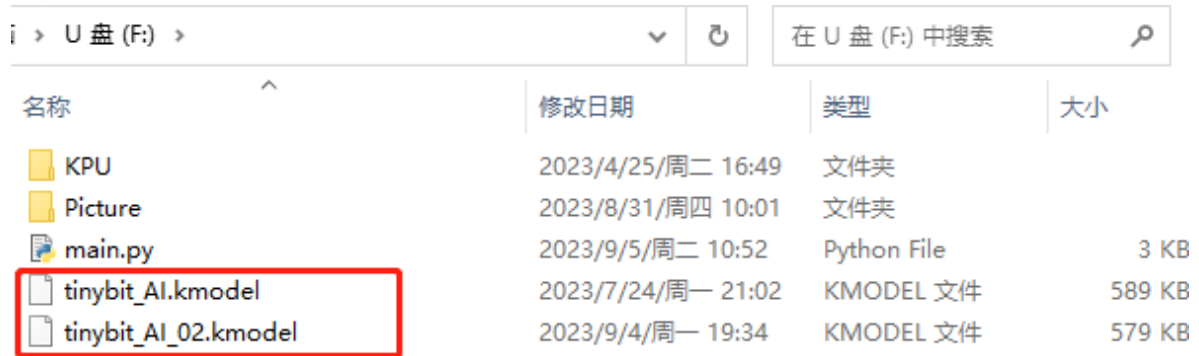
When the same road sign recognizes other words, it means that there is a misrecognition. In the case of ensuring the k210's vision is correct, it is necessary to adjust the position of the road sign.

- If you are using **tinybit_AI.kmodel** the visual position of k210 can be determined by identifying the **No. 2 mark**
- If you are using **tinybit_AI_02.kmodel** the visual position of k210 can be determined by identifying the **left turn mark**

k210 How to use another model

The source code uses the tinybit_AI.kmodel model by default. If the effect is still poor after adjusting according to the above, you can try another model **tinybit_AI_02.kmodel**

1. Find tinybit_AI_02.kmodel from the data and put it in the same SD card path as the original tinybit_AI.kmodel



名称	修改日期	类型	大小
KPU	2023/4/25/周二 16:49	文件夹	
Picture	2023/8/31/周四 10:01	文件夹	
main.py	2023/9/5/周二 10:52	Python File	3 KB
tinybit_AI.kmodel	2023/7/24/周一 21:02	KMODEL 文件	589 KB
tinybit_AI_02.kmodel	2023/9/4/周一 19:34	KMODEL 文件	579 KB

2. Modify the 3.12_tinybit_AI_sport.py file (can be found in the information) **Line 7**, change 1 to 2, as shown in the figure

```
1 import sensor, image, time, lcd, gc, cmath
2 from maix import KPU
3
4 from modules import ybserial
5 import time
6
7 kmdl = 1 #1:使用tinybit_AI.kmodel 2:tinybit_AI_02.kmodel
8
9 serial = ybserial()
10
```

改成2

3. Delete the original main.py of the SD card, copy the changed 3.12_tinybit_AI_sport.py file to the directory of the SD card, and rename it to main.py

If you want to use the original tinybit_AI.kmodel model, just repeat the above steps **Change 2 back to 1**