 Symptom:

try to install the driver usb-it950x.ko, my kernel is 4.438-v7 +, my gcc is 4.9.2 (rasbian 4.9.2.10),  
When I do the .ko driver is generated but when I try to install it by   
This is ERROR invalid module format !!!!!!!!!!!!!!!!!!!

Solution:

This issue is caused by the compiling environment.

The version of usb-it950x.ko should meet the kernel version.

Please use the below command to check it.

# uname ?r

# modinfo usb-it950x.ko

Install a compliable environment in Raspberry Pi:

1.Download the image

<https://downloads.raspberrypi.org/raspbian_latest>

2.Install compiler environment

<https://github.com/notro/rpi-source/wiki>

3.Make it950x driver

Sample building process for 4.4.38-v7+ kernel:

Build the 4.4.38-v7+ compiling environment:

# sudo apt-get install rpi-update

# sudo rpi-update af9cb14d5053f89857225bd18d1df59a089c171e

# sudo reboot

# sudo wget https://raw.githubusercontent.com/notro/rpi-source/master/rpi-source -O /usr/bin/rpi-source&& sudo chmod +x /usr/bin/rpi-source && /usr/bin/rpi-source -q --tag-update

# sudo rpi-source

The built ko file base on 4.4.38-v7+ kernel is attached.