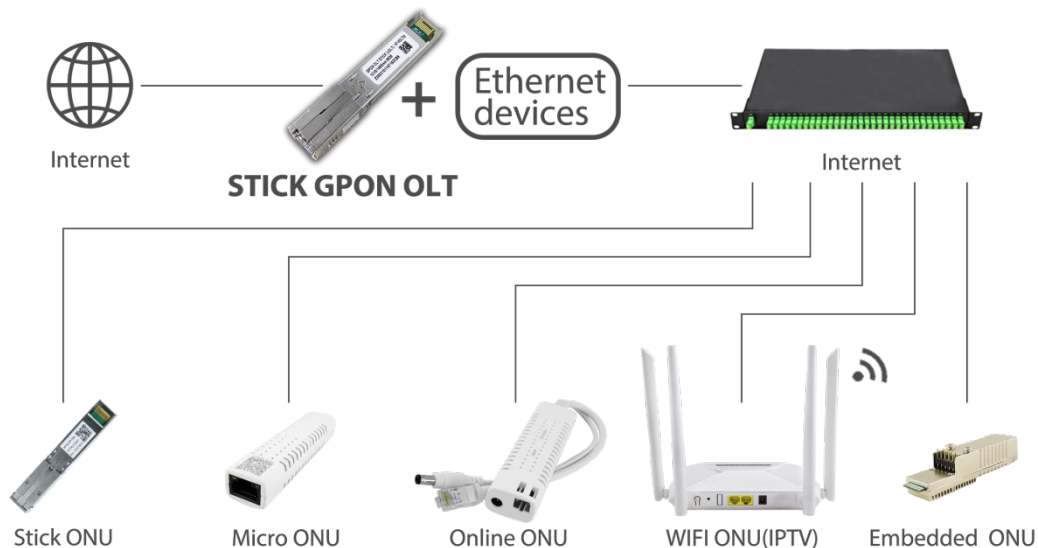


Instructions for using OLT STICK

Before running use WireShark to detected the device first



1.The use of STICK GPON OLT management software

The management software of STICK GPON OLT can manage our OLT devices and the ONUs registered under the OLT devices.

Connection method: The STICK_OLT device needs to be connected to a router, switch, or transceiver. A network cable should be connected to the network port of the device to which the STICK_OLT is connected, and the other end should be connected to the network port of the computer. Then, run the management software.



Figure 1

After double-clicking to run, the interface shown in Figure 2

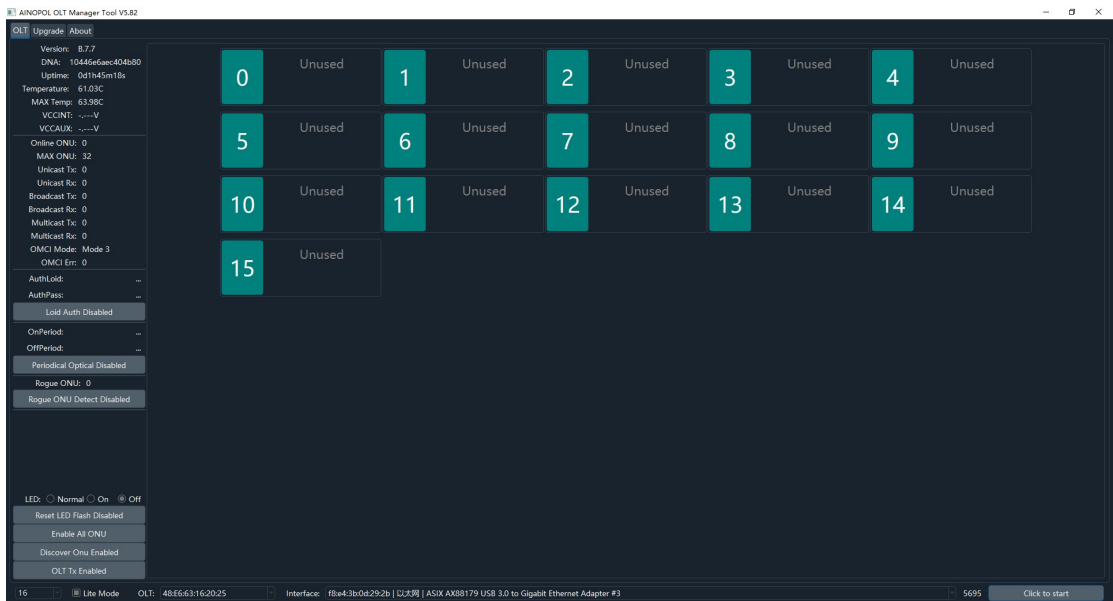


Figure 2

After the software runs, you need to select the network cable to connect the computer and the olt device's network card. Your computer's network card will be displayed in the red box in Figure 3. Select the corresponding connected network card and Click "Click to start" at the lower right corner of Figure 3. Then it can be connected to the OLT device.

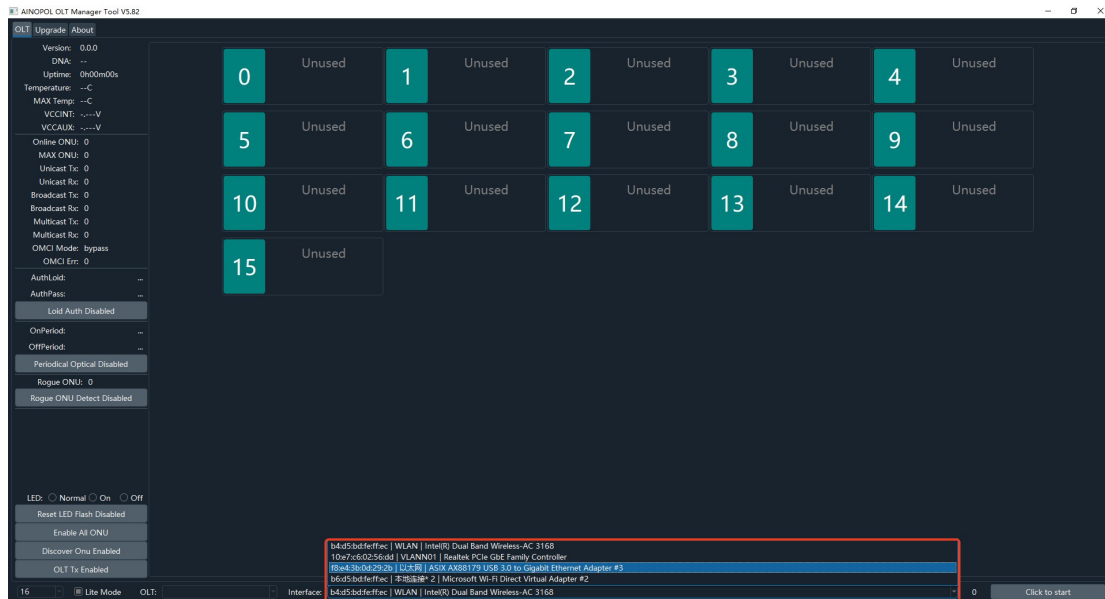


Figure 3

We can view the information of the OLT STICK from the upper left corner, as shown in Figure

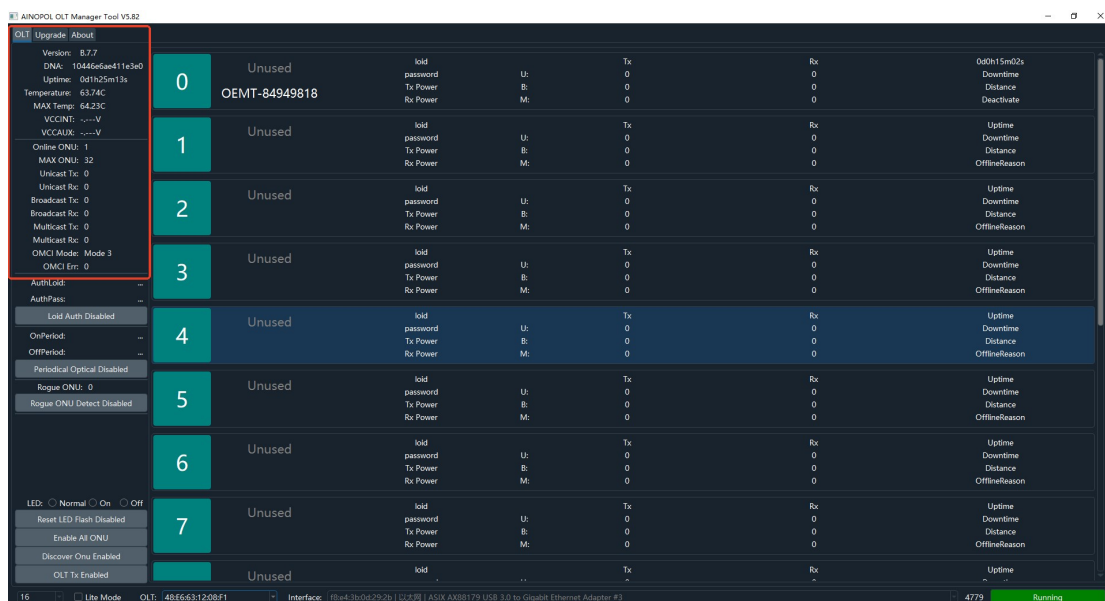


Figure 4

The STICK_OLT devices connected are shown in the red box in Figure 5. Each serial number in the red box in Figure 5 represents a STICK_OLT, and different serial numbers can be clicked to switch OLT management. Up to 32 onu devices can be registered under each STICK_OLT.

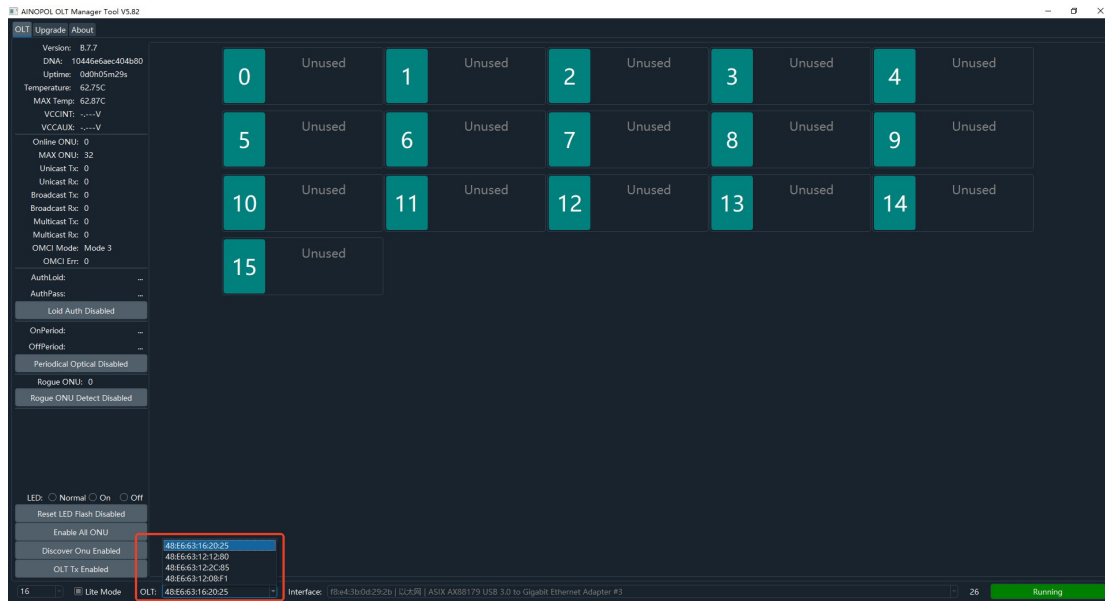


Figure 5

For the switching of STICK_OLT, it can be seen that the olt in Figure 5 has not registered any devices. Now click on another STICK_OLT in the red box of Figure 5, and an onu device has been registered below. We can see the difference in Figure 6.

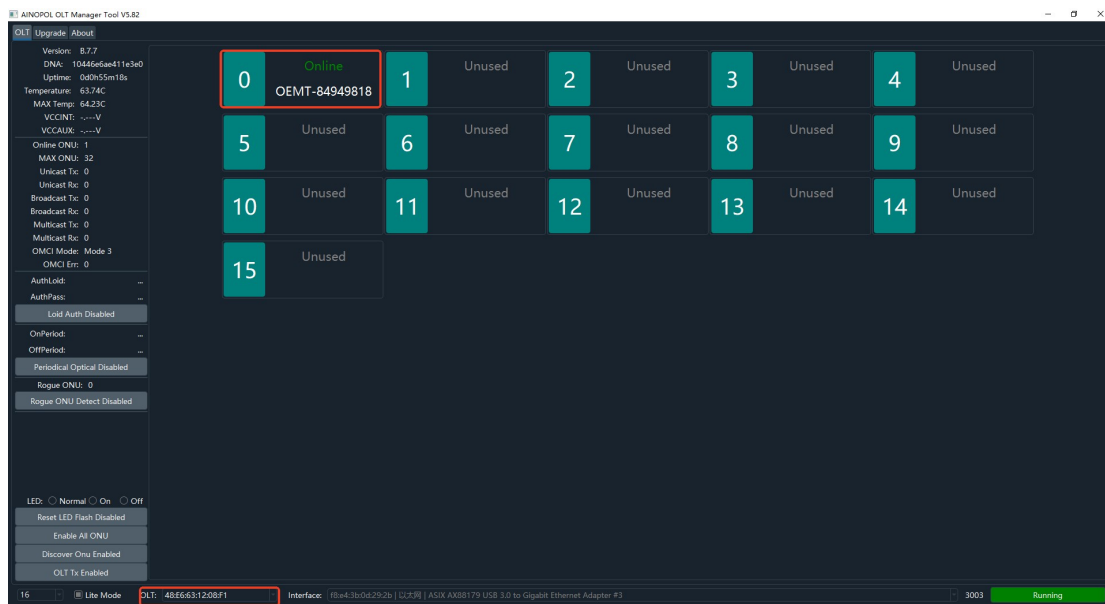


Figure 6

Figure 7 allows you to select the number of registered ONU displays under the same STICK_OLT device. For example, I want to display 32 onu devices. Click on the corresponding number in the red box at the lower left corner of Figure 7.

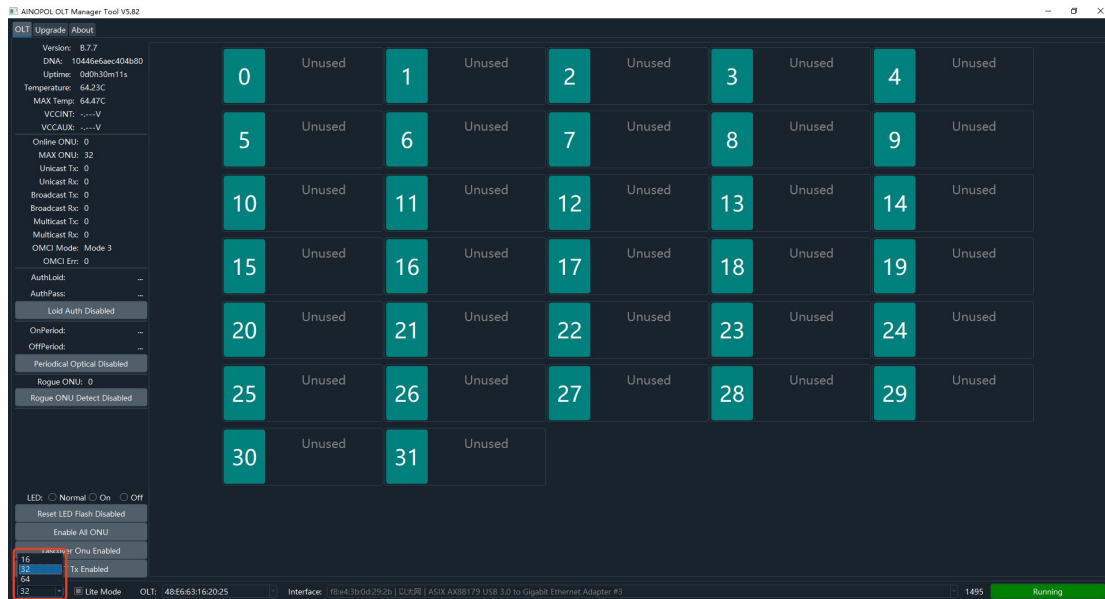


Figure 7

2. Manage onu devices

Right-click on the ONU device in Figure 8 with the mouse, and different options will appear, as shown in the red box. Select "Deactivate", and onu will unregister, as shown in Figure 9. Select "Activate", and onu devices will re-register, as shown in Figure 10.

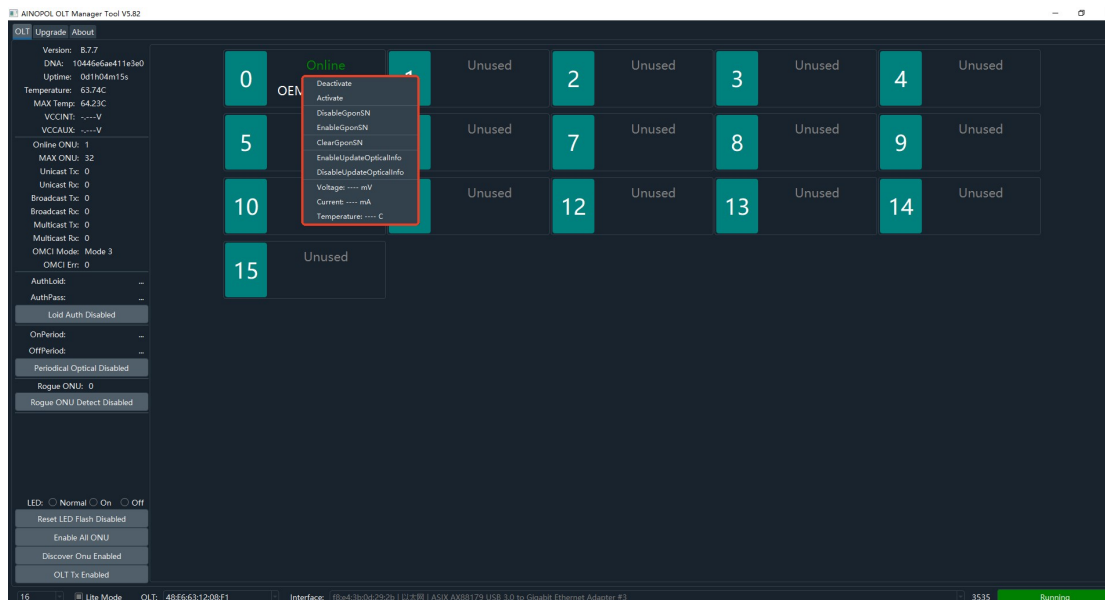


Figure 8

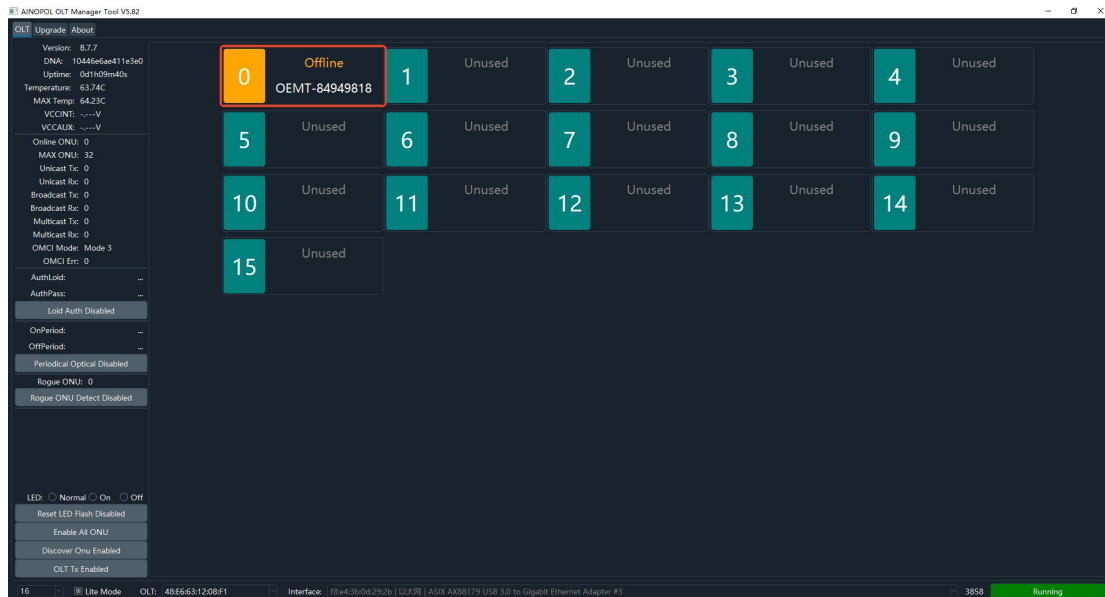


Figure 9

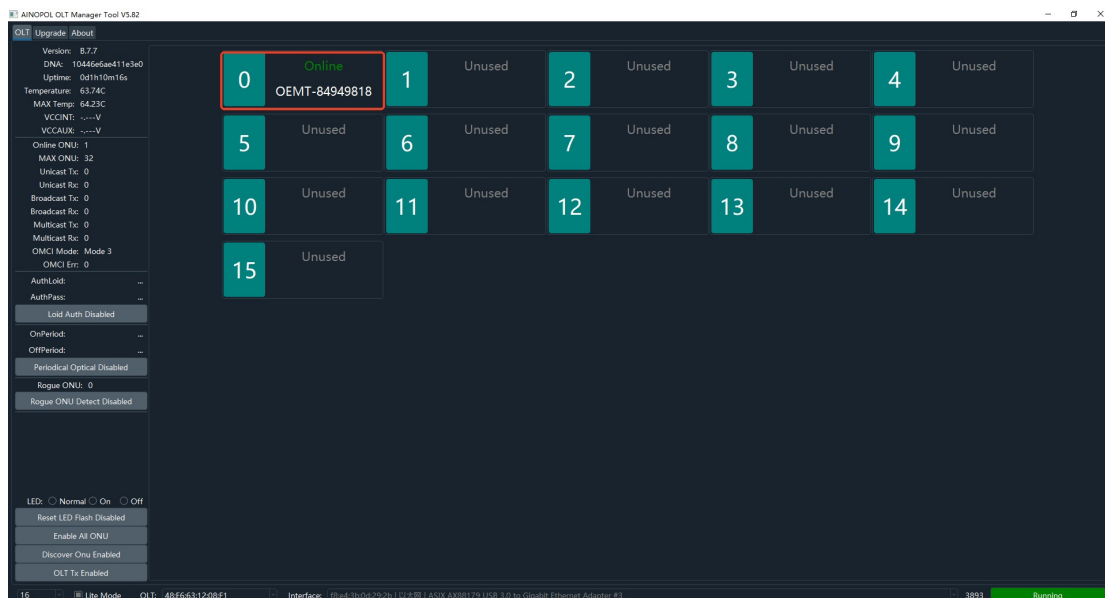


Figure 10

Click the red box Lite Mode at the lower left corner of Figure 11 to view the DDM information of the onu device.

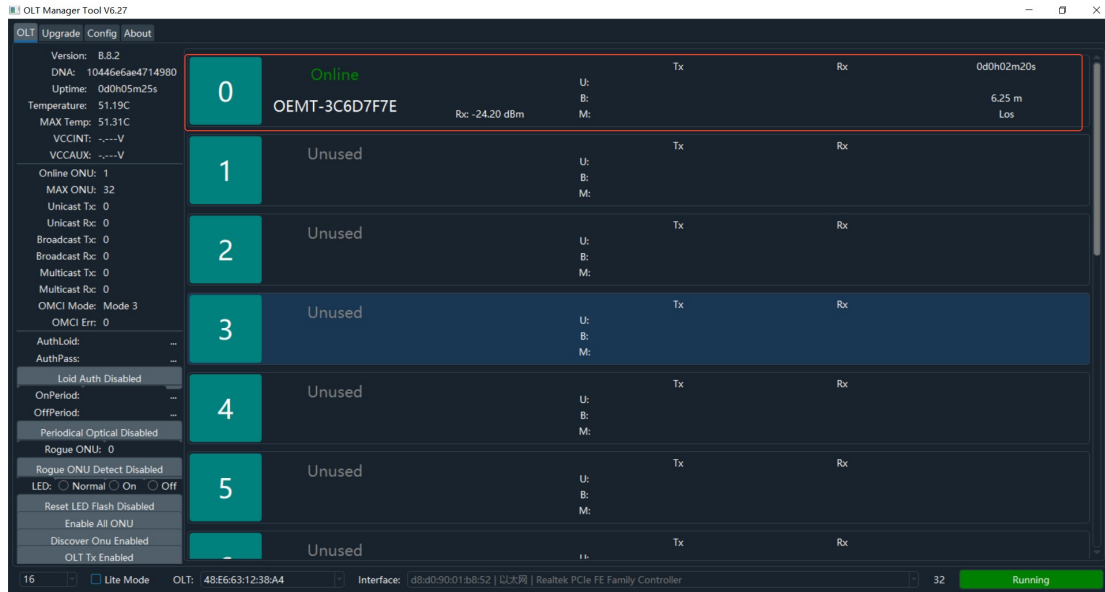


Figure 11

3.The connection and use of the transceiver and STICK OLT

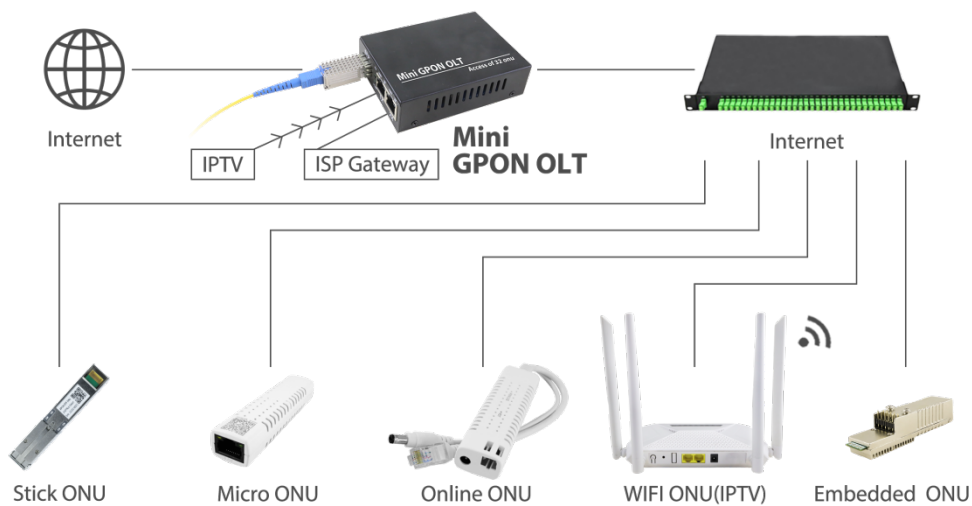


Figure 12

Figure 12 above is used in conjunction with a transceiver. This device has two network ports, allowing us to connect to IPTV and the network. The downstream onu device can access the Internet and watch TV, as shown in Figures 13 and 14.



Figure 13



Figure 14

The use of management software will occupy one network port of the transceiver. Connect it to the computer with a network cable and then select the corresponding network card, as shown in Figures 15 and 16.

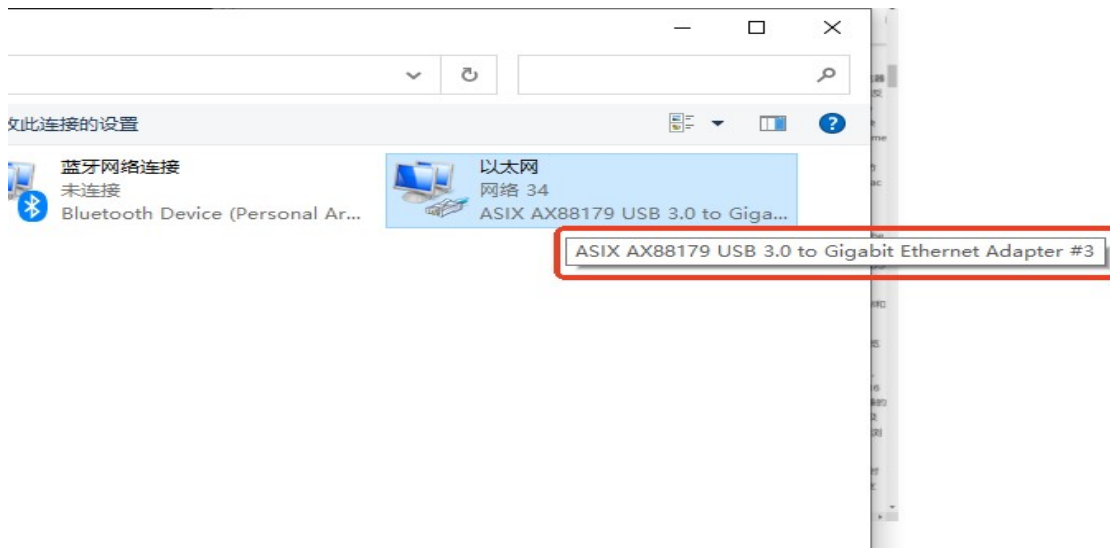


Figure 15

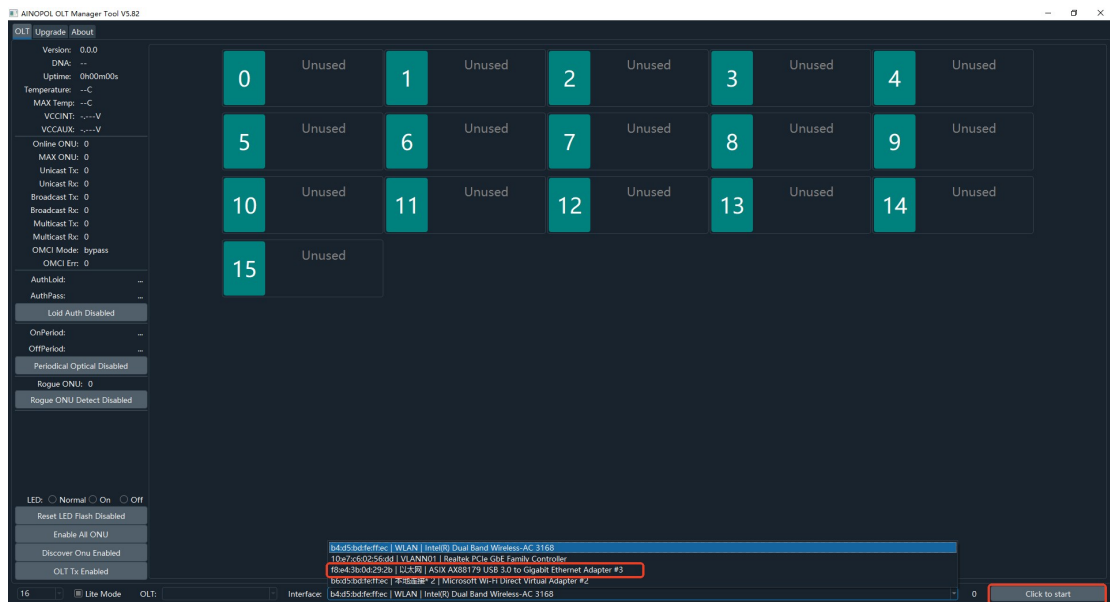


Figure 16

Select the corresponding network card and then Click "Click to start", and you can connect to STICK_OLT. The management interface will also display the registered ONUs. As shown in Figure 17.

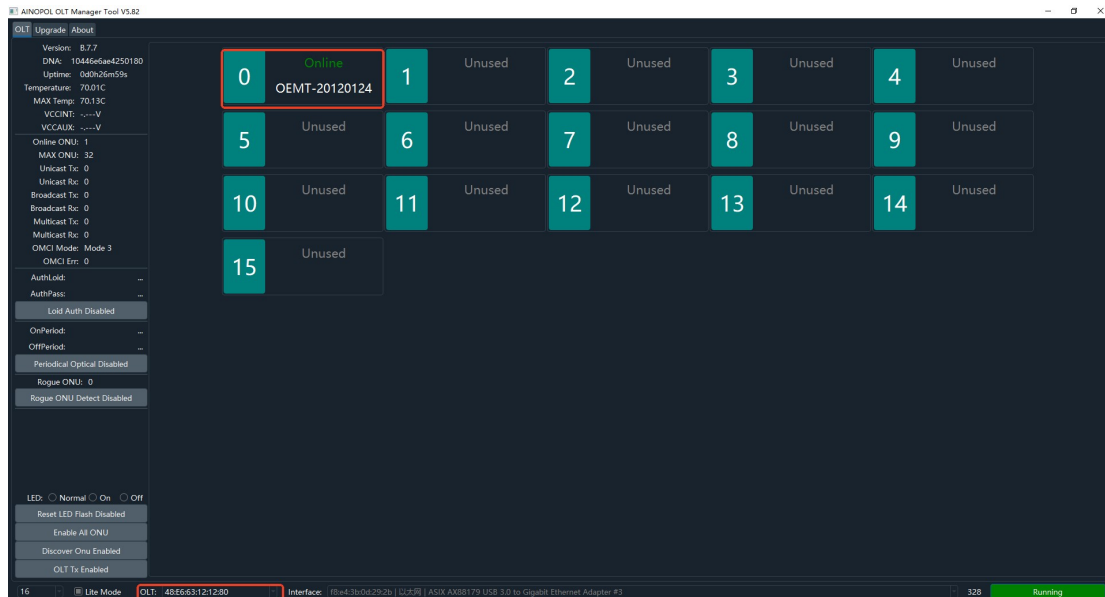


Figure 17

4.The connection and use of the router and STICK OLT

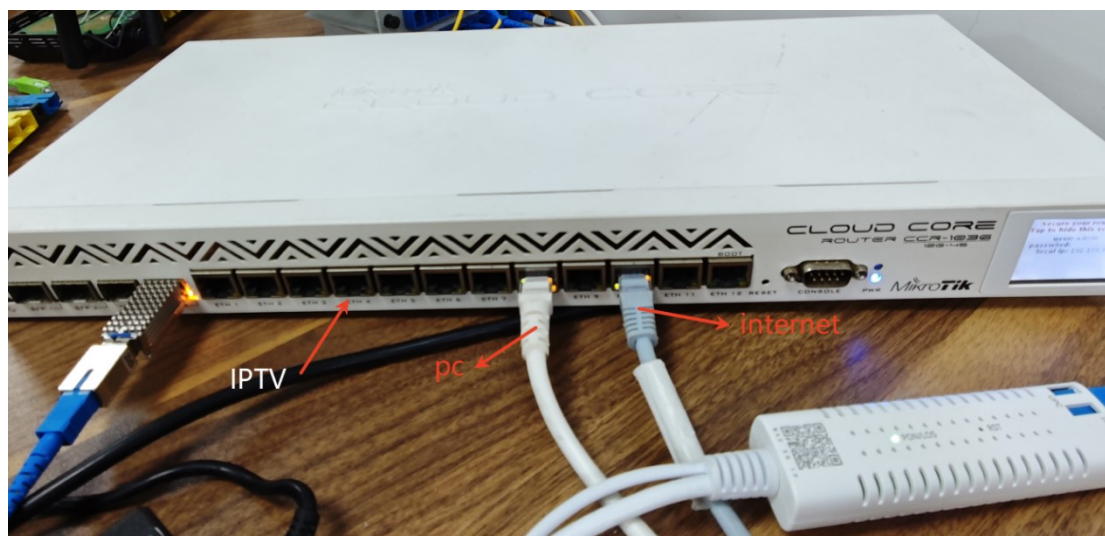


Figure 18

Figure 18 shows the connection and usage of the router with STICK_OLT, which is similar to the networking method shown in Figure 12. This router has multiple network ports and can be connected to a pc computer via a network cable for software management. It can also provide a network with a network cable and connect to IPTV.

The use of the management software also involves selecting the corresponding network card and

then clicking "Click to start", which can connect to STICK_OLT, as shown in Figure 19.

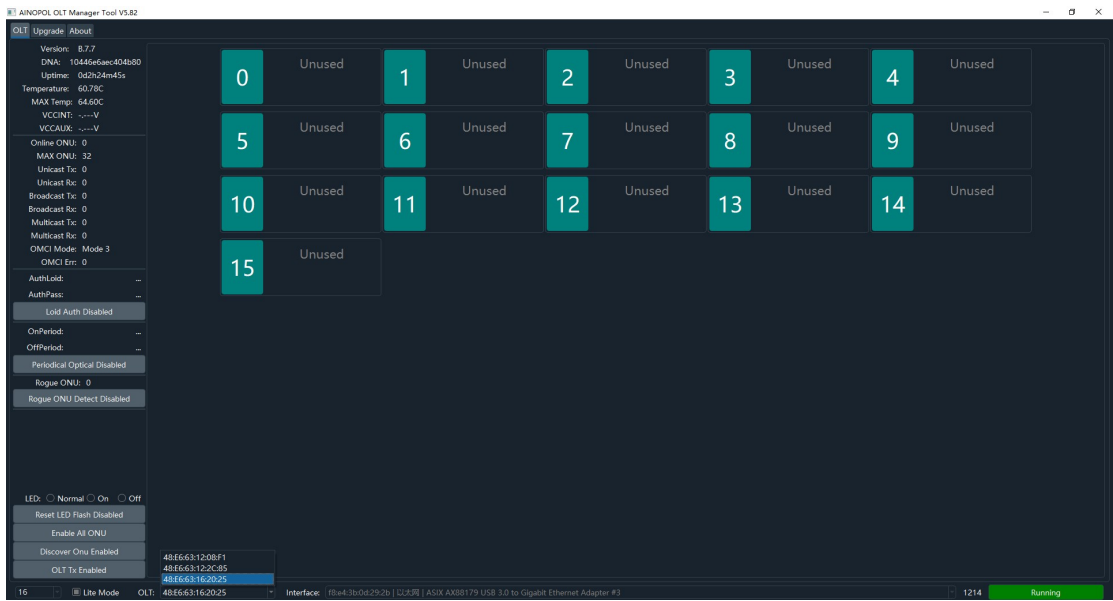


Figure 19

5.The connection and use of switch equipment and STICK OLT

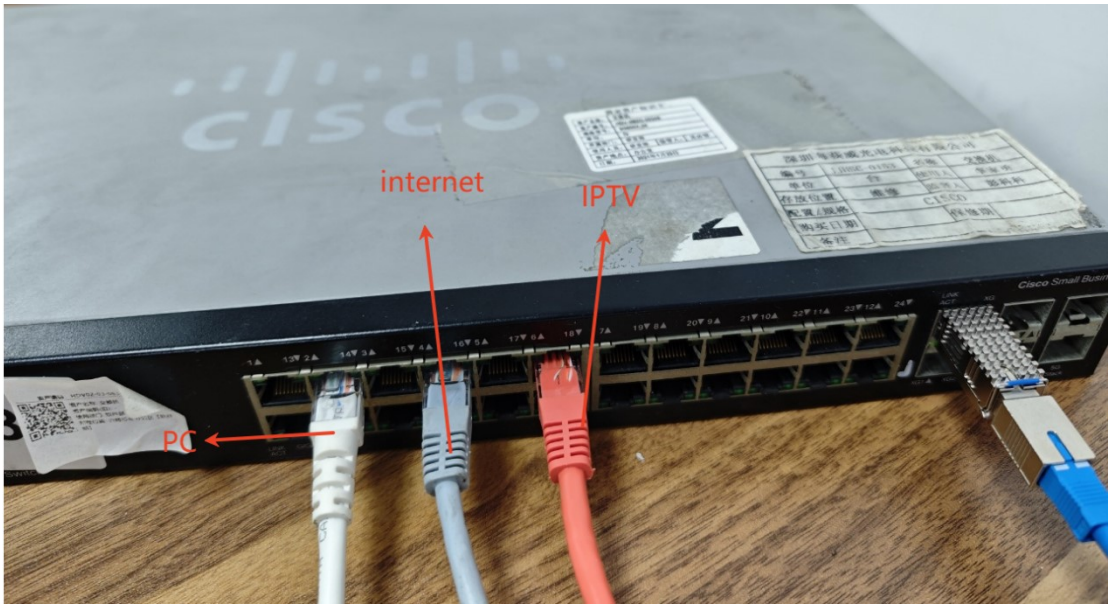


Figure 20

Figure 20 shows the connection and usage of the Cisco switch with STICK_OLT, which is similar to the networking method shown in Figure 18. This router has multiple network ports and can be connected to a pc computer via a network cable for software management. It can also provide a

network with a network cable and connect to IPTV.

The use of the management software also requires selecting the corresponding network card and then clicking "Click to start", and it can be connected to STICK_OLT, as shown in Figure 21.

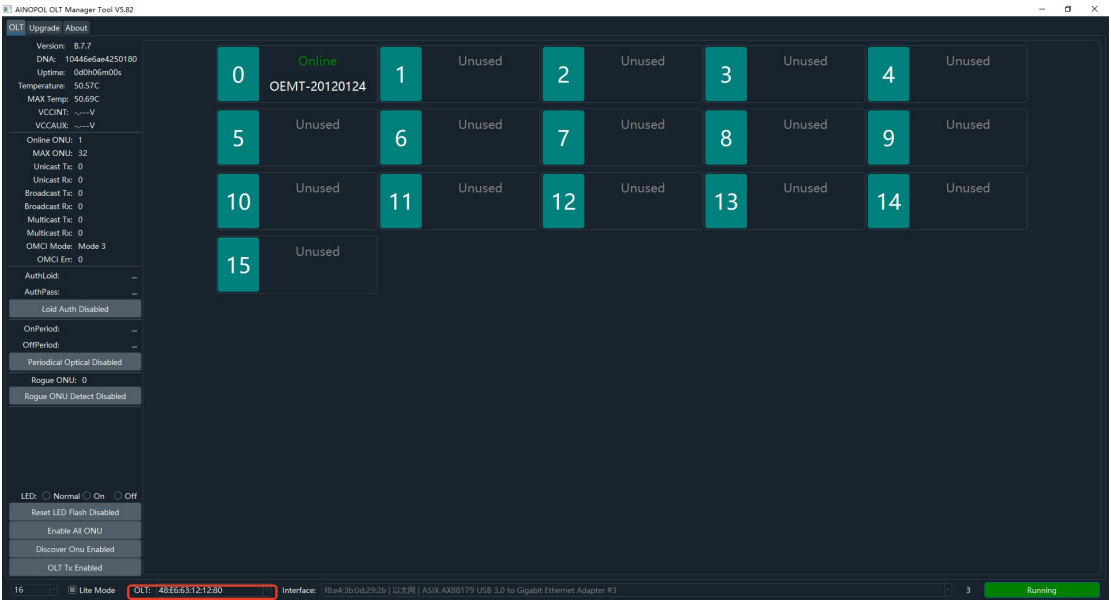


Figure 21