Ethernet details and setup usage

1. Initialize the jar package

    XHApiManager apiManager = new XHApiManager();

2. Get the Ethernet MAC address:

    apiManager.XHEthernetGetMac();

    Return value: String

3. Get the Ethernet IP address:

    apiManager.XHEthernetGetIP();

    Return value: String

4. Get the Ethernet subnet mask:

    apiManager.XHEthernetGetMask();

    Return value: String

5. Get the Ethernet gateway address:

    apiManager.XHEthernetGetway();

    Return value: String

6. Get the DSN1 server address of Ethernet:

    apiManager.XHEthernetGetDSN1();

    Return value: String

7. Get the DSN2 server address of Ethernet:

apiManager.XHEthernetGetDSN2();

Return value: String

8. Determine whether Ethernet is static or dynamic:

apiManager.XHEthernetDhcpOrStatic();

Return value type		illustrate
1		Dynamic acquisition
0	Int	Static acquisition
-1		Not connected

9. Control Ethernet enable

Enable Ethernet.

apiManager.XHEthernetEnable(true);

Disable Ethernet enable;

apiManager.XHEthernetEnable(true);

10. Set the Ethernet acquisition method to dynamic acquisition

apiManager.XHEthernetDhcpIp();

11. Get the status of Ethernet

apiManager.XHEthernetState();

Return value: boolean

true means connected, false means not connected

12. Jump to the Ethernet settings interface:

```
Intent intent = new

Intent("android.settings.ETHERNET_SETTINGS");

startActivity(intent);
```

13. Set Ethernet static parameters:

XHEthernetStaticIp(String ipAddr,String netMask,String

gateway,String dns1,String dns2)

Switch to static acquisition mode and set the corresponding parameters

Parameter	Type	Example
ipAddr	String	Set a static IP address, for example 192.168.0.188
netMask	String	Set the subnet mask, for example 255.255.255.0
gateway	String	Set the gateway address, for example 192.168.0.1
dns1	String	Set the DNS server address, for example 8.8.8.8
dns2	String	Set the alternative DNS, such as 8.8.4.4

Note: To use the API, you need to add permissions:

```
<uses-permission

android:name="android.permission.ACCESS_NETWORK_STATE

"/>
```