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1. Overview

Welcome to the ADS Host Computer User Manual. This manual is designed to help you quickly master the installation and usage of the ADS host computer.

The manual is divided into two main chapters:

Chapter 1: How to Install the Host Computer

This chapter provides a detailed guide on the installation process of the ADS host computer, including step-by-step instructions and solutions to common issues. By following this chapter, you can easily complete the installation and configuration of the host computer, laying a solid foundation for subsequent use.

Chapter 2: How to Use the Host Computer

This chapter focuses on the core functionalities and operational methods of the ADS host computer, covering instructions for both network and USB connection modes. You will learn how to connect devices, configure parameters, read data, and perform real-time monitoring through different connection methods. Additionally, this chapter offers practical tips and precautions to help you avoid common mistakes and improve operational efficiency.

We hope this manual provides valuable assistance in your work with the ADS host computer. For any questions or suggestions, please feel free to contact our technical support team. Enjoy using the ADS host computer!

2. How to Install Host Computer

1、Obtain the host computer installation package from the official website, double-click on the installation package and the install language selection will pop up,click “ Chinese (Simplified) ” select the language you want and click “**OK**”, as shown in Figure 1-1 below.

Figure 1-1

2、Enter installation wizard interface. Click “**Next**”, as shown in Figure 1-2.

Figure 1-2

3、Path change.

(1) If you do not need to change the location of the software installation, click “**Next**”, as shown in Figure 1-3.

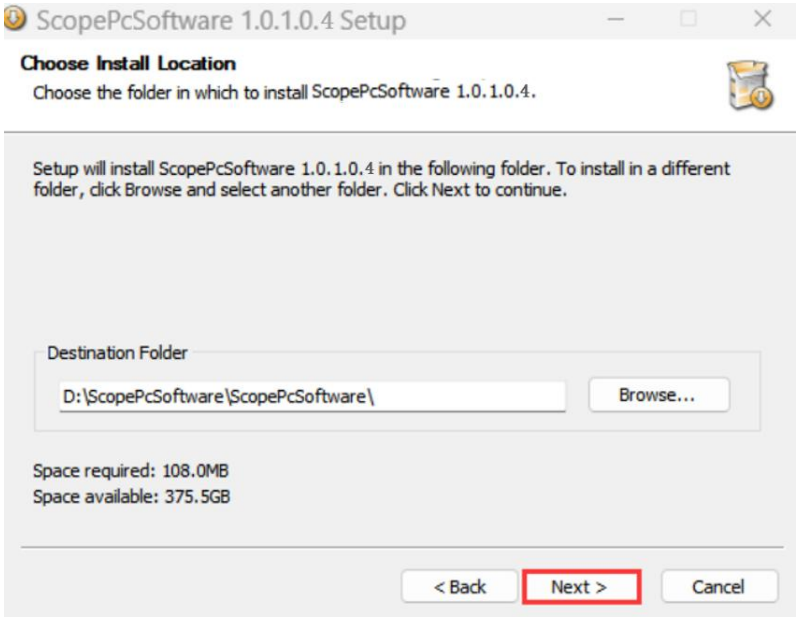


Figure 1-3

(2) If you need to change the location of the software installation,click "**Browse**",as shown in Figure 1-4.Enter the Change Target folder screen, select the location of software, as shown in Figure 1-5.Click "**OK**" finally, you can save the software installation location,as shown in Figure 1-6. Click "**Next**" to proceed to the installation step.

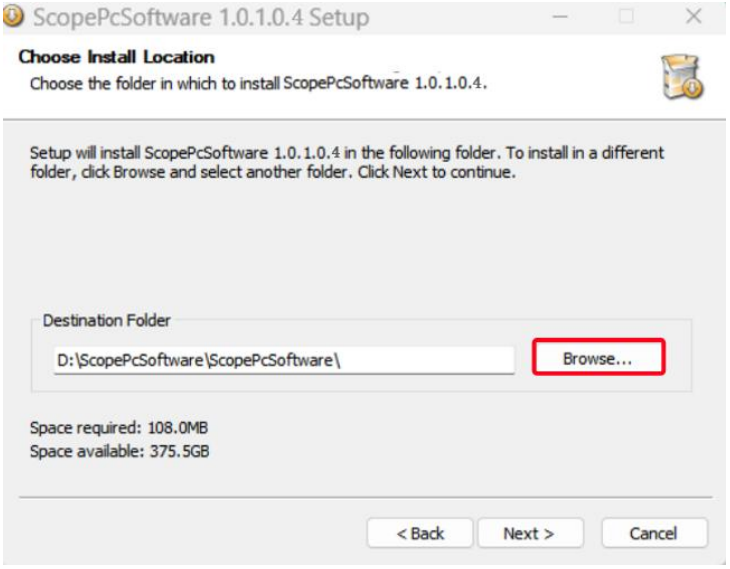


Figure 1-4

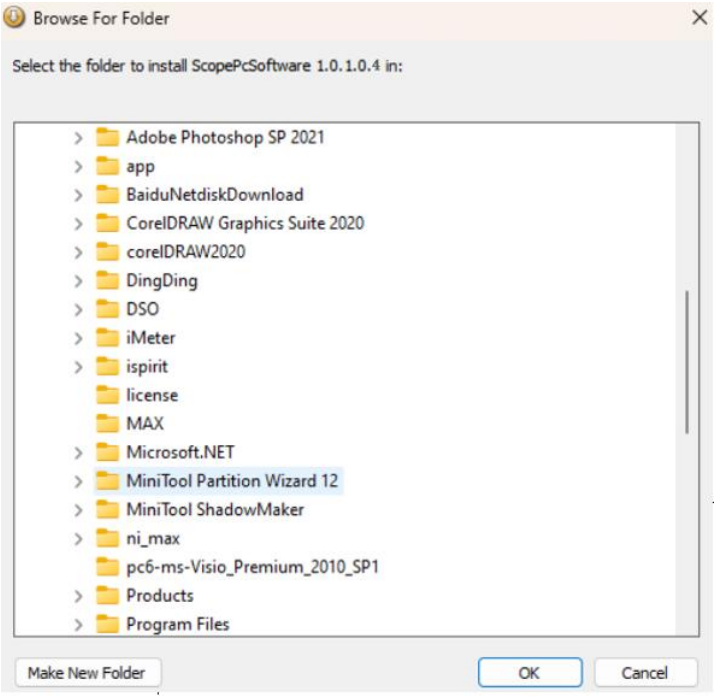
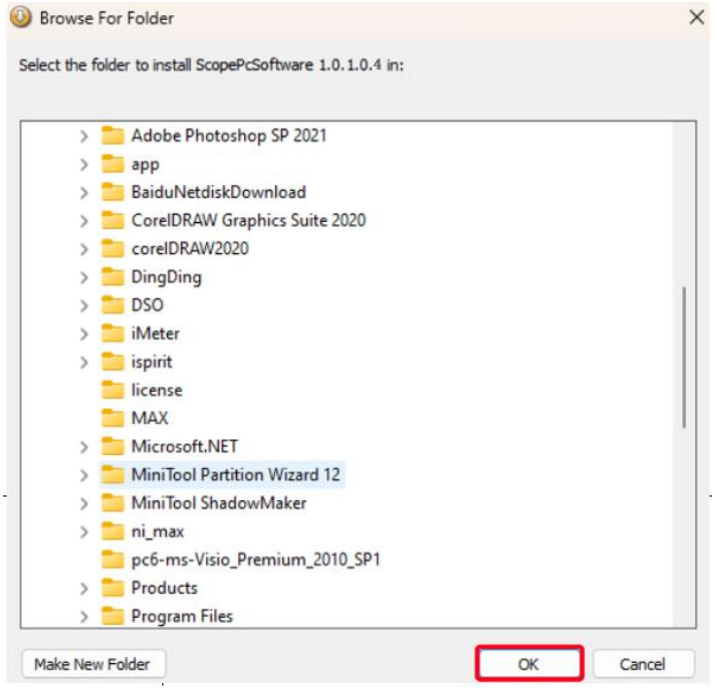

Browse For Folder
Select the folder to install ScopePcSoftware 1.0.1.0.4 in:
Adobe Photoshop SP 2021
app
BaiduNetdiskDownload
CorelDRAW Graphics Suite 2020
corelDRAW2020
DingDing
DSO
iMeter
ispirit
license
MAX
Microsoft.NET
MiniTool Partition Wizard 12
MiniTool ShadowMaker
ni_max
pc6-ms-Visio_Premium_2010_SP1
Products
Program Files
Make New Folder
OK
Cancel

Figure 1-5


Browse For Folder
Select the folder to install ScopePcSoftware 1.0.1.0.4 in:
Adobe Photoshop SP 2021
app
BaiduNetdiskDownload
CorelDRAW Graphics Suite 2020
corelDRAW2020
DingDing
DSO
iMeter
ispirit
license
MAX
Microsoft.NET
MiniTool Partition Wizard 12
MiniTool ShadowMaker
ni_max
pc6-ms-Visio_Premium_2010_SP1
Products
Program Files
Make New Folder
OK
Cancel

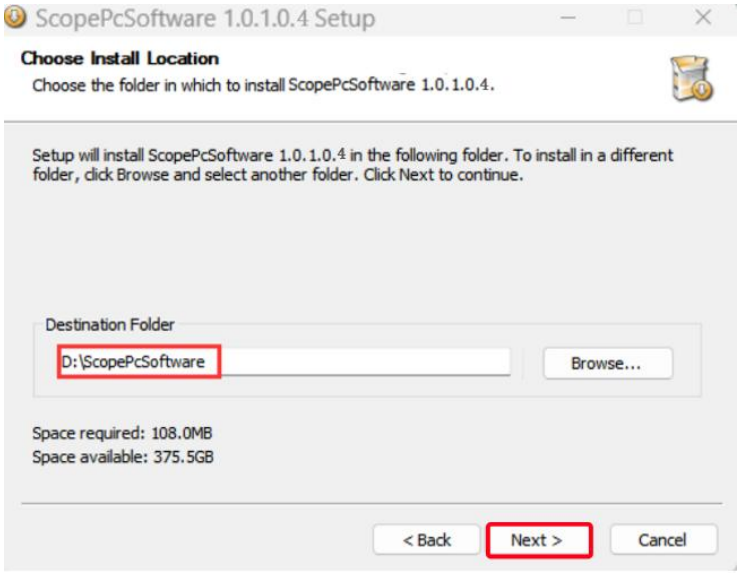


Figure 1-6

4、Click “**Install**” to initiate the software installation process, as shown in Figure 1-7.

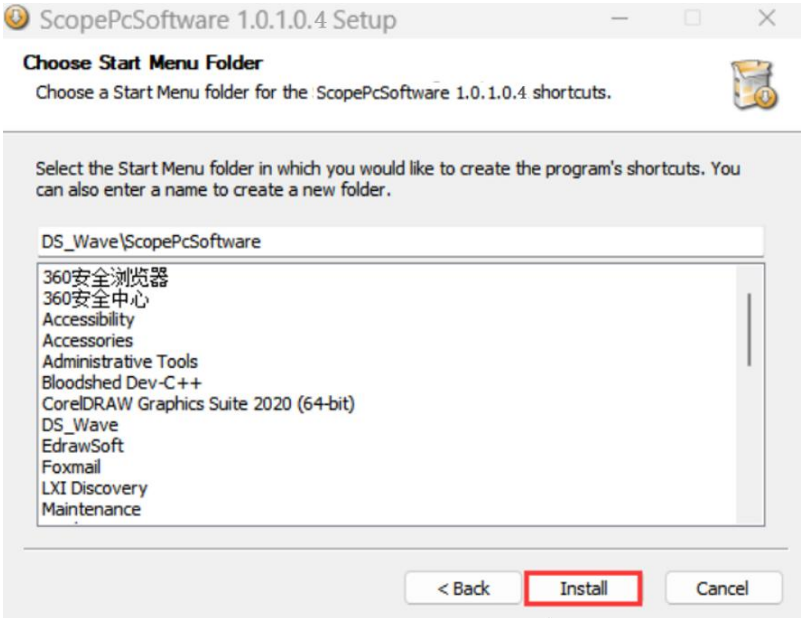


Figure 1-7

5、Enter the installation interface,as shown in Figure 1-8.After the installation is complete, click “**Finish**” to exit the installation wizard, as shown in Figure 1-9.

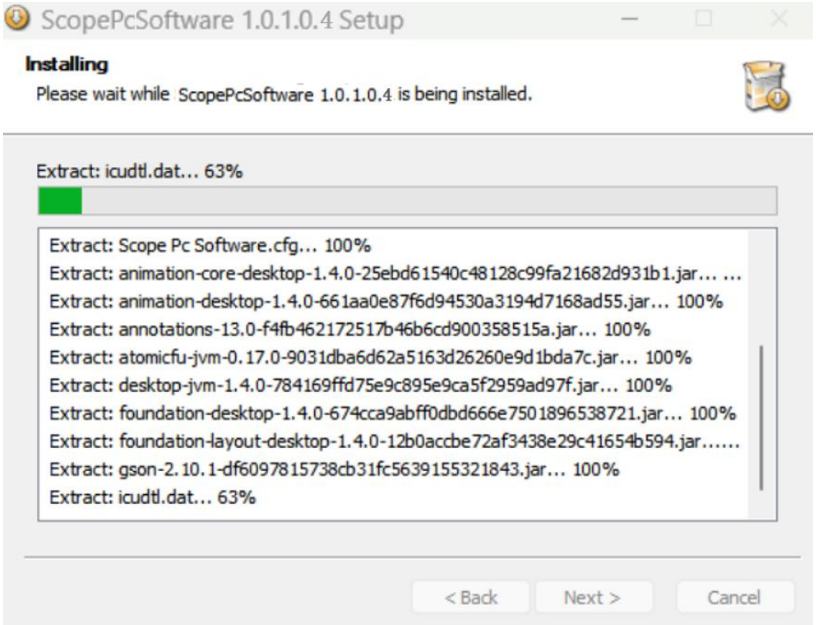


Figure 1-8

Figure 1-9

3. How to Use Host Computer

Note:

- NI VISA software needs to be installed before using host computer.
- The main function of the host computer is remote control operation, where mouse touch commands are executed on the instrument, and the instrument screen is synchronized in real time.
- The host computer only supports Windows 8/10/11, 64-bits system.

1、After the software installation is complete, an icon will be generated on the desktop. Double-click the icon to access the main interface of the software, as shown in Figure 2-1.

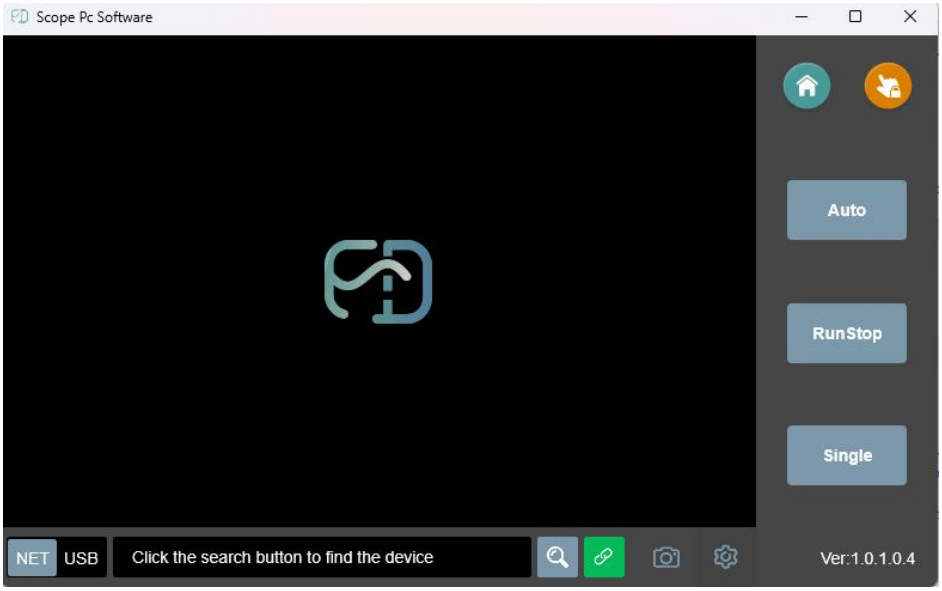


Figure 2-1

2.1 Connect to the host computer via Network

1、To connect the instrument to the network, click the "**Network Service**" software to view the instrument IP address.

2、Network devices can be added in two ways.

(1) Open NI MAX software,click "**Devices and Interfaces**",right click "**Network Devices**",then click"

",network devices can be added,as shown in Figure 2-2.

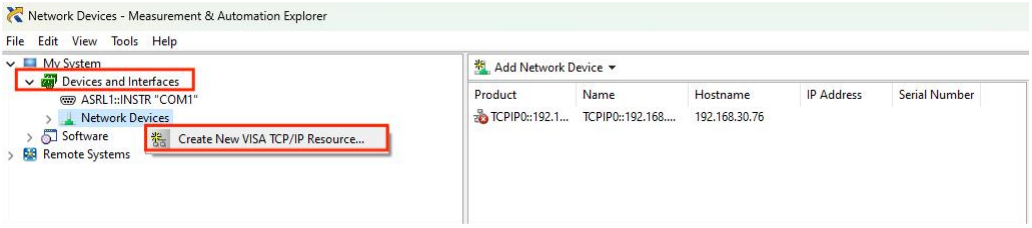


Figure 2-2

(2) Click on the right " Add Network Device ▾ ",and then press

" VISA TCP/IP Resource... ",network devices can be added,as shown in Figure 2-3.

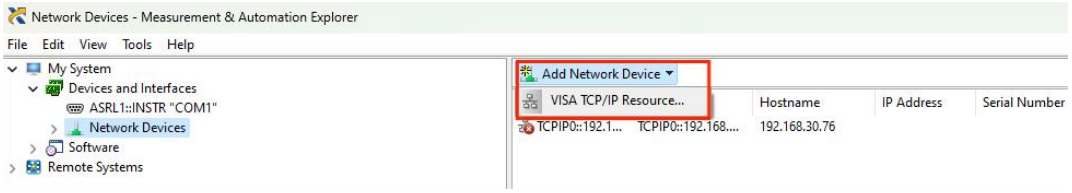


Figure 2-3

3、Enter the Creating New network interface,select " Auto-detect of LAN Instrument ", click "**Next**",as shown in Figure 2-4.

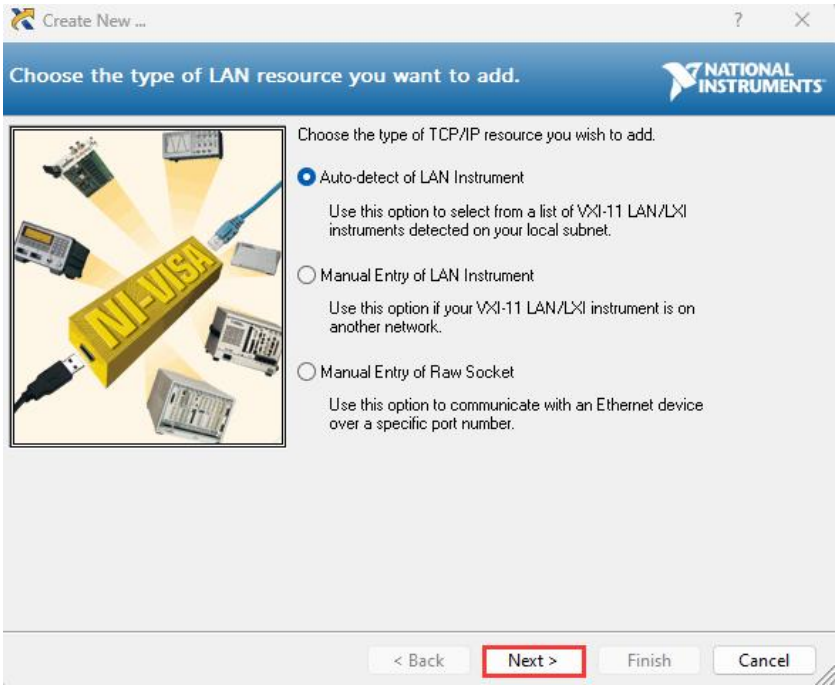


Figure 2-4

4、Enter automatic search IP interface,software will automatically search for nearby available IP addresses, select the IP address consistent with the instrument, and finally click "**Finish**" to complete the IP address addition as shown in Figure 2-5.

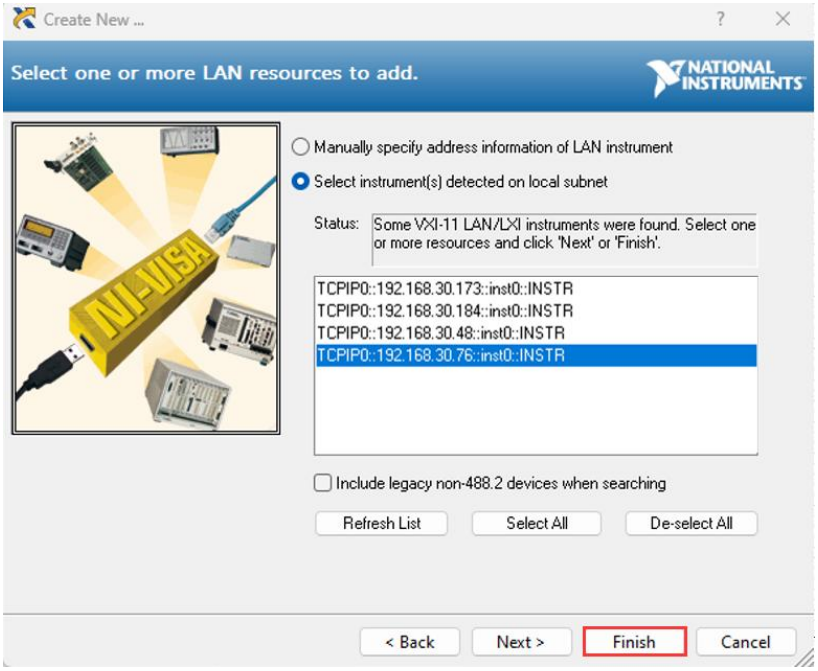


Figure 2-5

5、Under the host computer interface,click "**NET**" on the bottom left corner,make it gray highlighted,as shown in Figure 2-6.

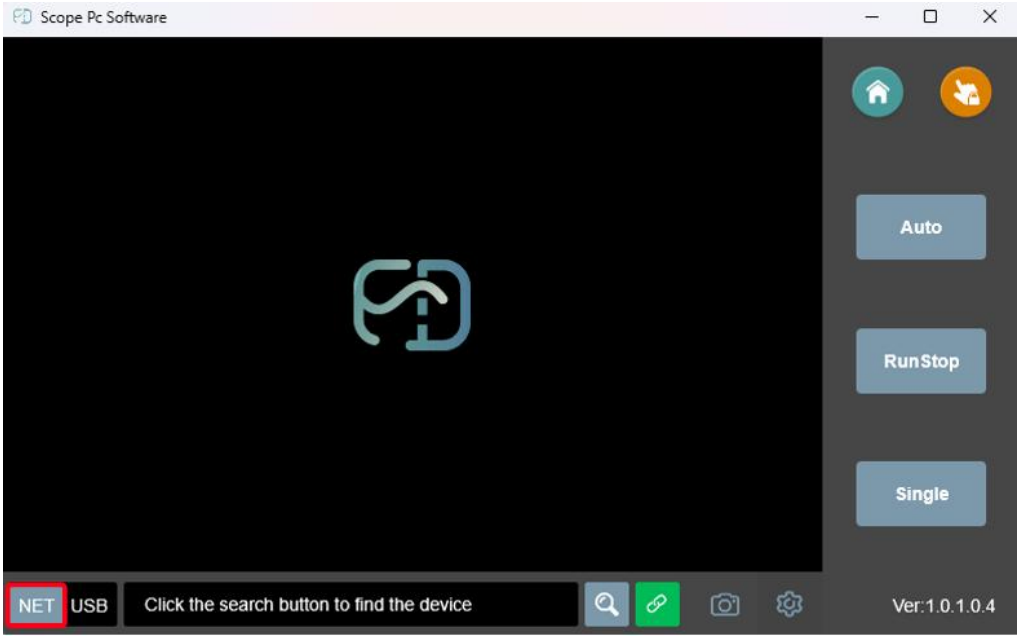


Figure 2-6

6、Click " " on the bottom can search available IP, then click "

" to select the IP address consistent with the instrument,and then click " ",as shown in Figure 2-7.

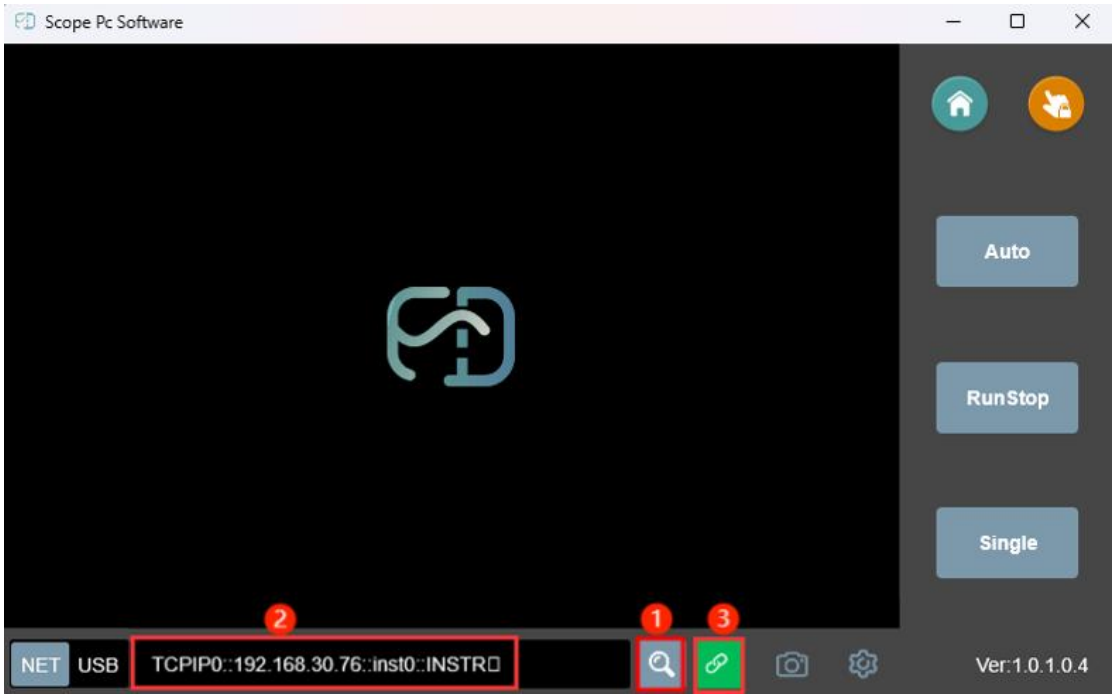


Figure 2-7

7、After connecting successfully,you will enter the instrument interface,as shown in Figure 2-8.

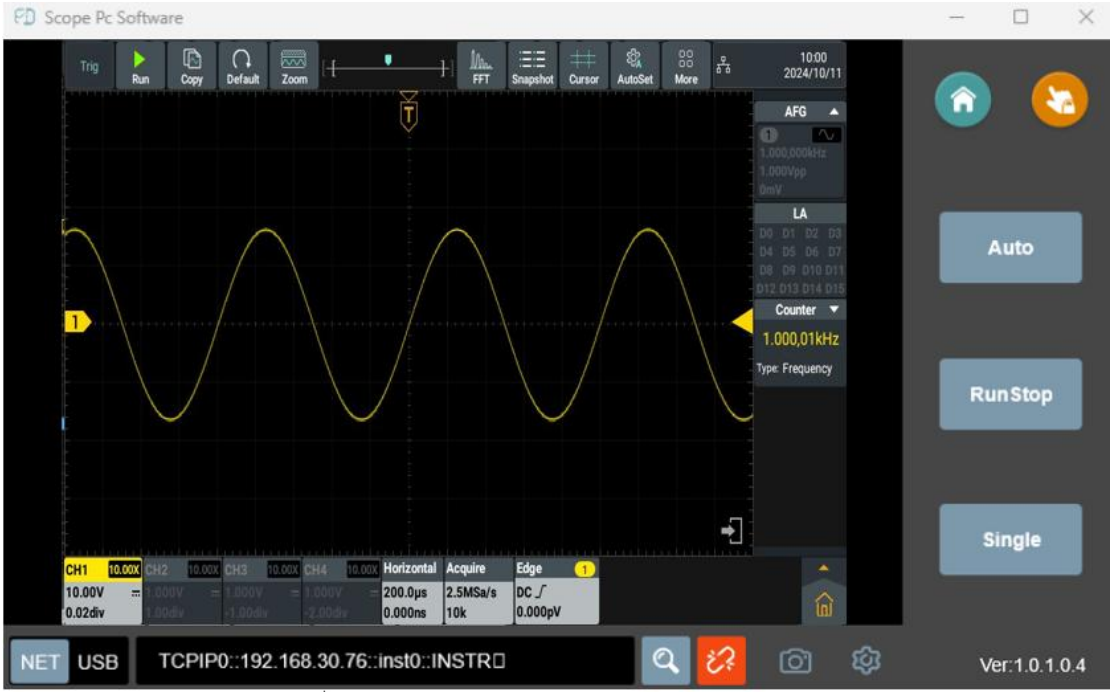


Figure 2-8

8、Click “ ”,the instrument will return to the main Android screen,as shown in Figure 2-9.

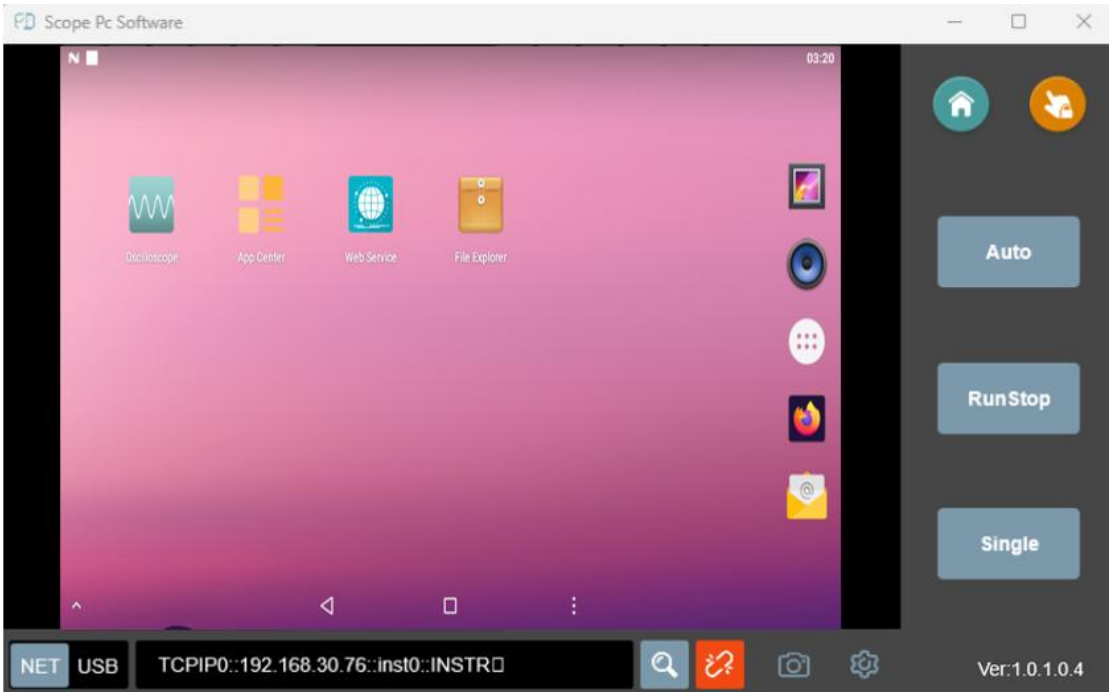


Figure 2-9

9、Click “ ”,the instrument will disable the touch screen,then click “ ” again can enable the touch screen.

10、Click “ Auto ”,the instrument for automatic setting function.

11、Click “ RunStop ”,the instrument for Run/Stop function.

12、Click “ Single ”,the instrument for Single trigger function.

13、Click “ ”,as shown in Figure 2-10;then click “ ”,enter the path selection interface,select the path you want to save and click "**Open**" to complete the path selection,as shown in Figure 2-11.Finally click “**Ok**” complete path saving,as shown in Figure 2-12.(Note:It is recommended to save to a disk other than C disk, otherwise it may fail to save.)

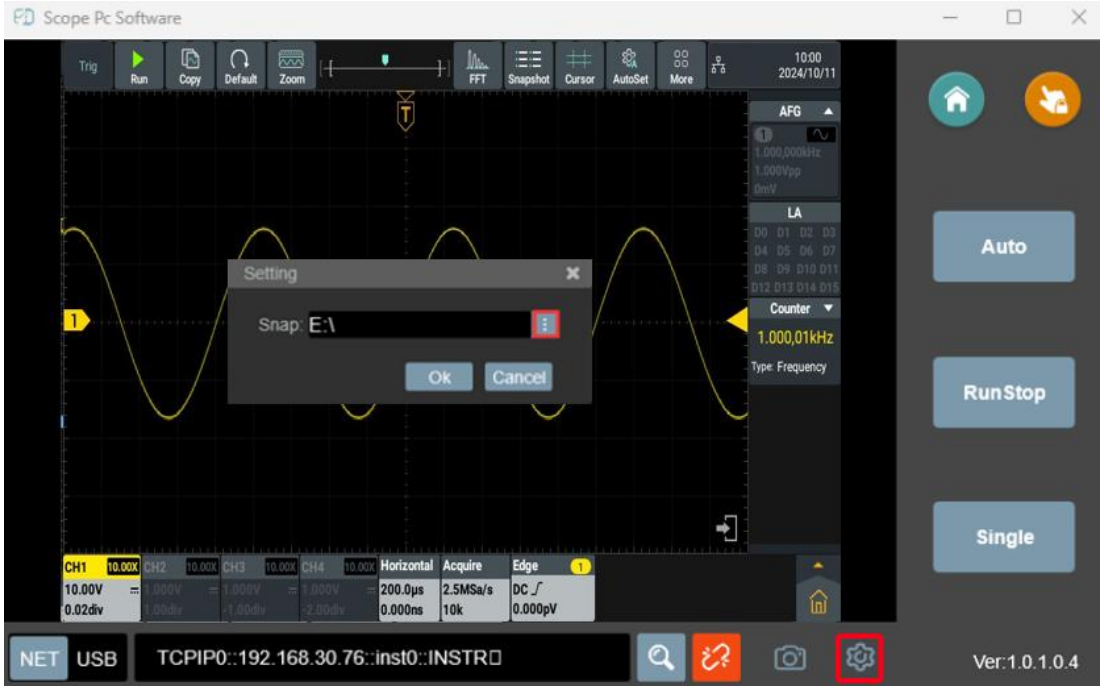


Figure 2-10

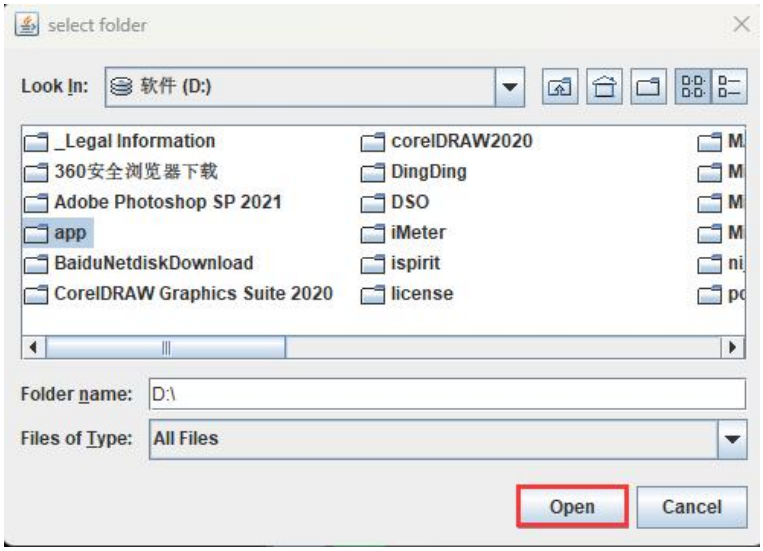


Figure 2-11

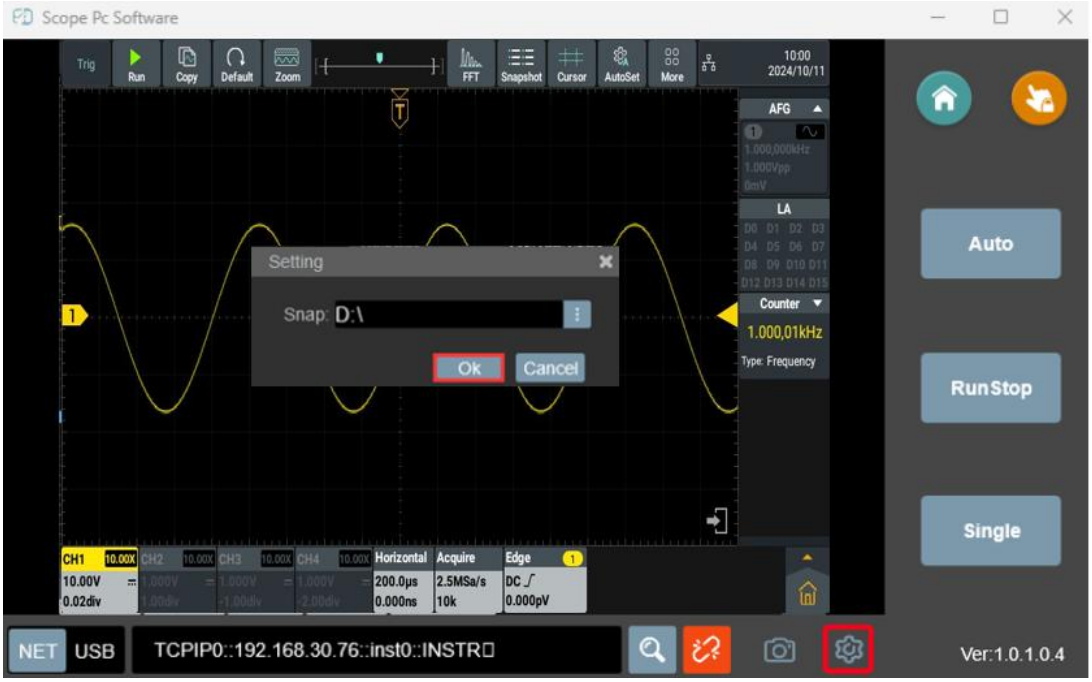


Figure 2-12

14、Click “ ” will complete a screenshot of the current screen,as shown in Figure 2-13.The captured image can be viewed in the path set.

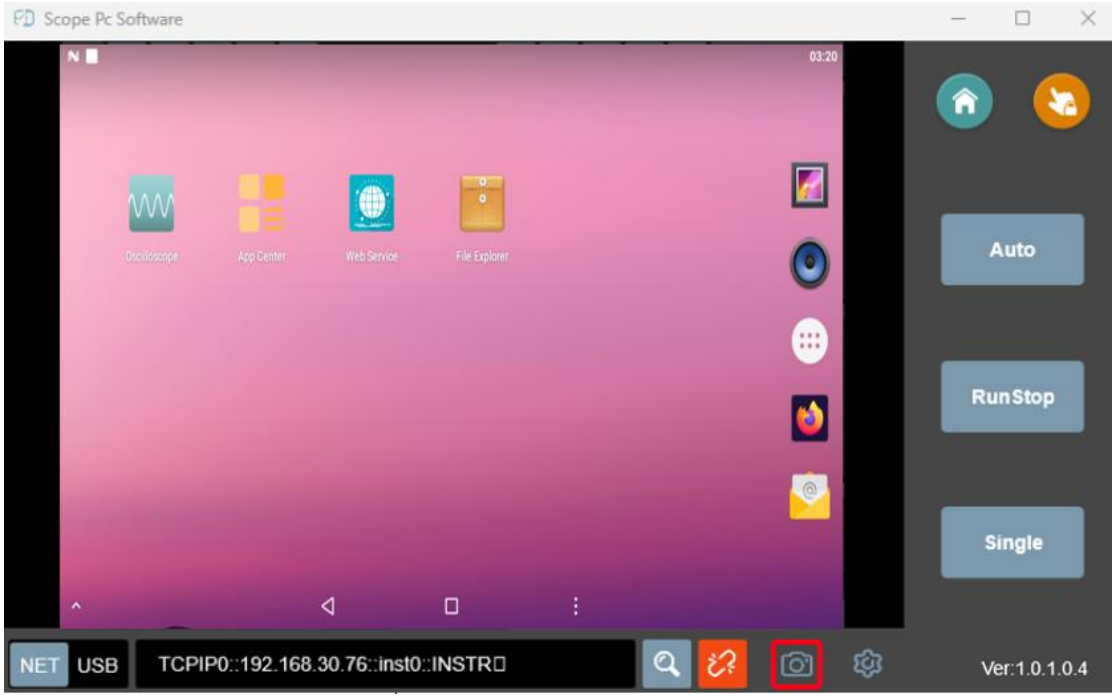


Figure 2-13

15、Click “ ” will disconnect.

2.2 Connect to the host computer via USB

1、Connect USB cable,open NI MAX software,click “**Devices and Interfaces**” will automatic display the USB interface,as shown in Figure 2-14.

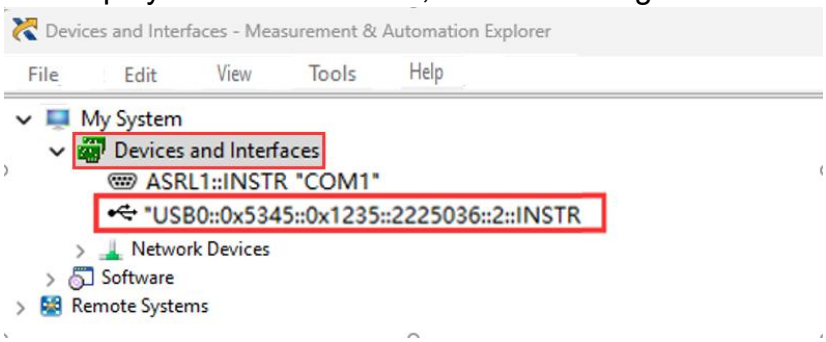


Figure 2-14

2、Under the host computer interface,click “**USB**” on the bottom left corner,make it gray highlighted,as shown in Figure 2-15.

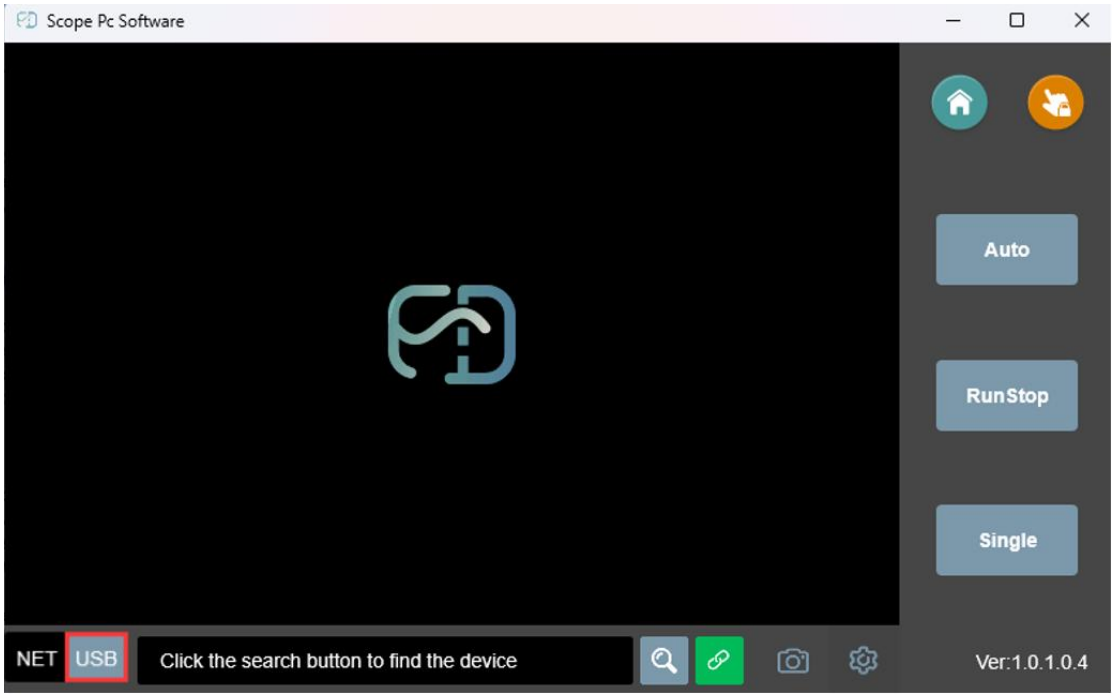


Figure 2-15

3、Click “ ” on the bottom can search available USB,then click

“ USB0::0x5345::0x1235::2225036::2::INSTR ” to select the USB interface consistent with the instrument,and then click “ ”,as shown in Figure 2-16.

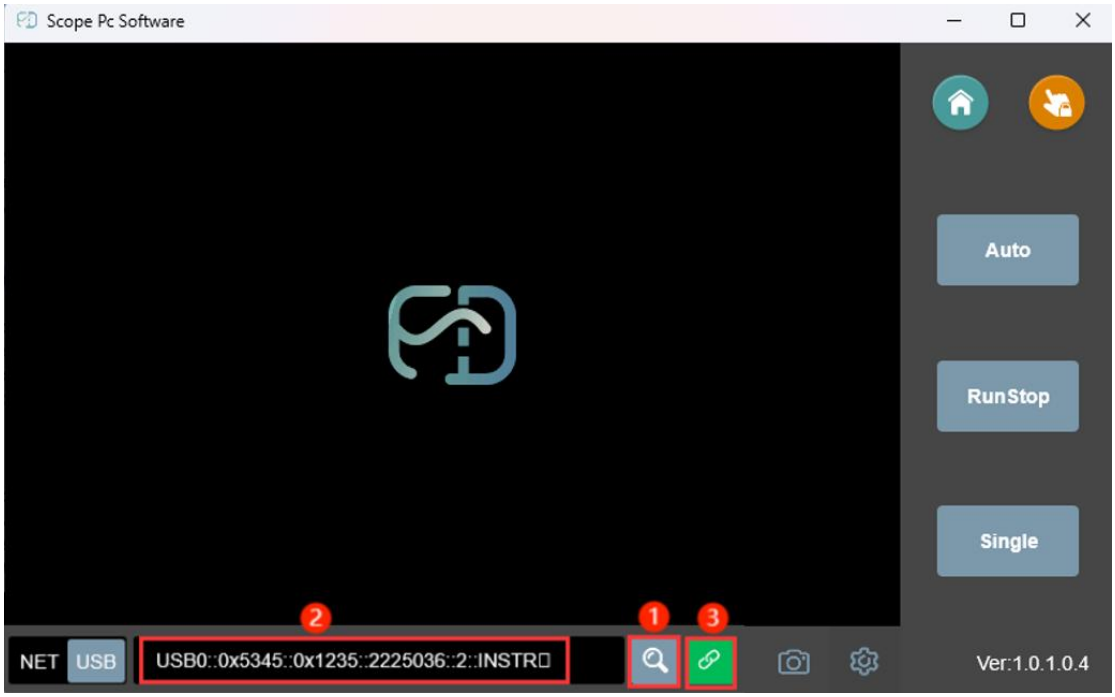


Figure 2-16

4、After connecting successfully,you will enter the instrument interface,as shown in Figure 2-17.

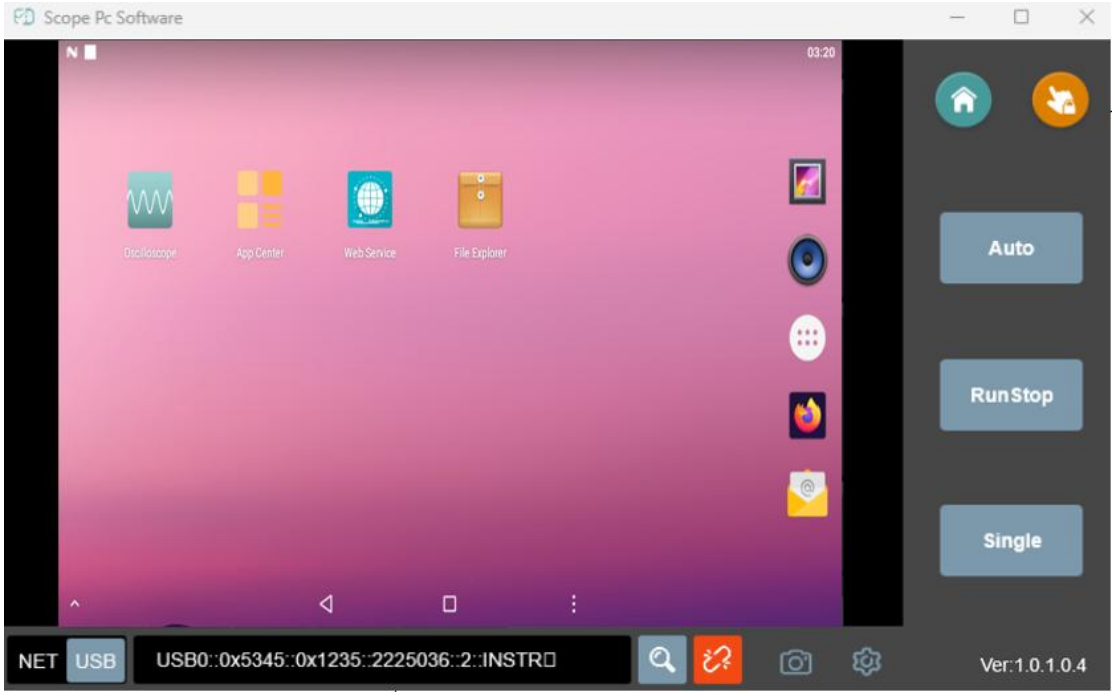


Figure 2-17

5、Please refer to steps 8-15 of "Connect to the host computer via Network" in P7 for detailed operation of keys on this interface.