User Guide to
CAN-bus Tester Software

Instruction Version：V2.03

Version Update Date：2017.06.30

Content

Chapter 1: Tester Software User Manual

CANTest is general CAN-bus tester software designed for CAN series products.

The program has a friendly interface and it's easy to use. Through the software user can easily test the CAN connectors and measure its performances on connection. Figure 1-1 shows its main panel:

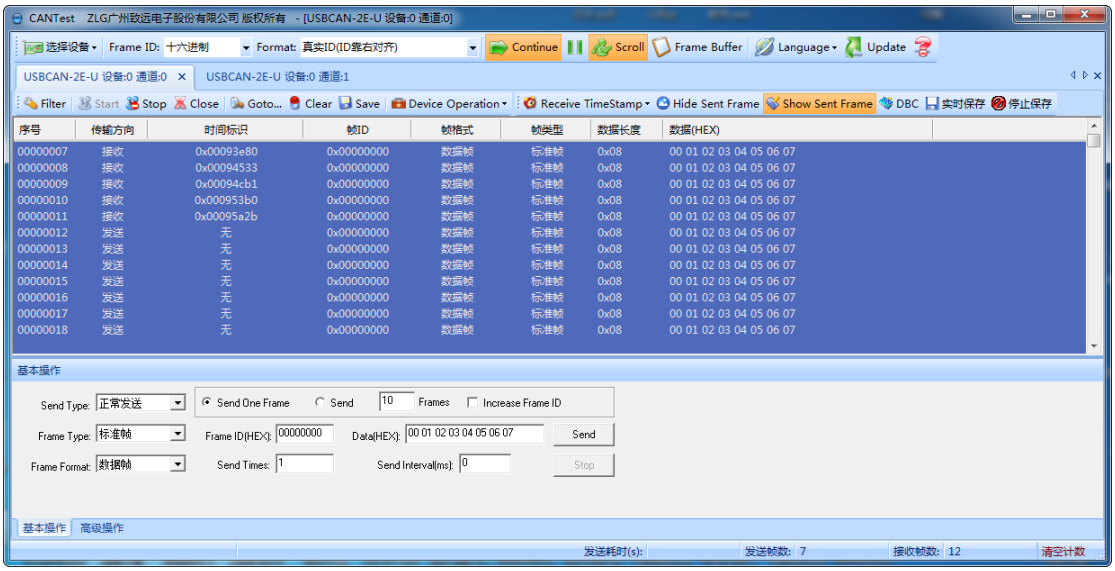

Figure 1-1: The main panel of the software

1.1 Features of the device

The following section will briefly introduce the necessary steps on how to use the software.

1.1.1 Selecting Device types

Before running any other functions, user must select the appropriate device type, as Figure 1-2 shows.

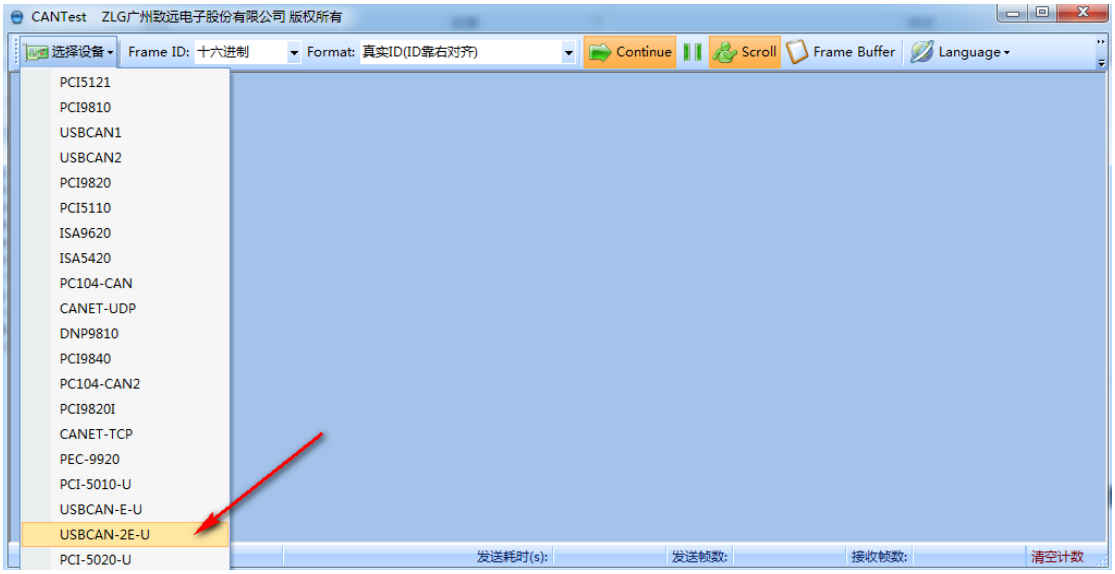

Figure 1-2: Selecting devices

1.1.2 Opening a device

After selecting device, user must open it. As Figure 1-3 shows, select the 'OK and Start CAN' option:

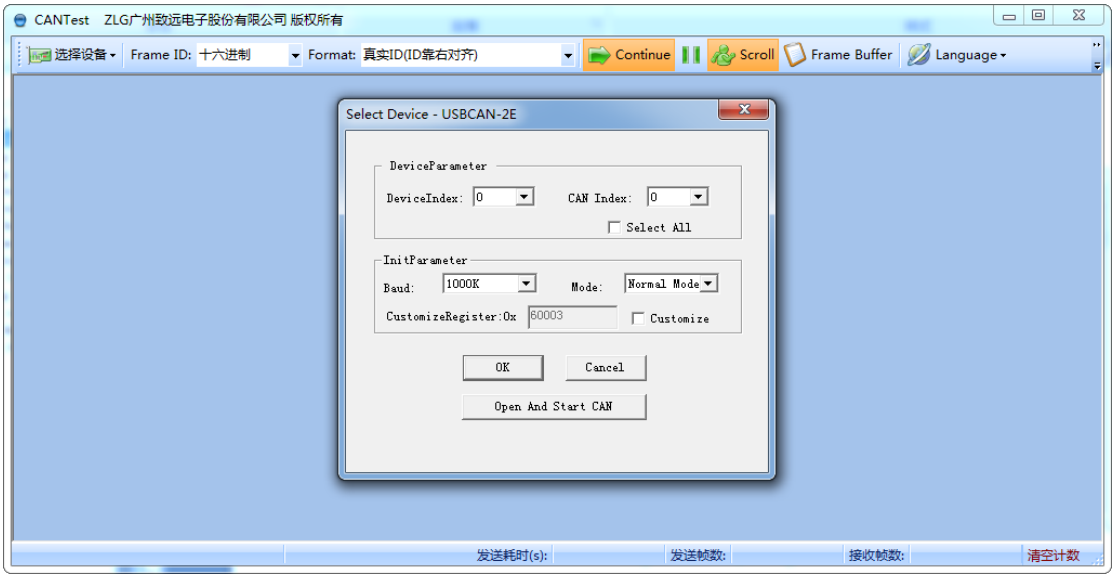

Figure 1-3: Opening a device

If you've chosen USBCAN2 device, the dialog box will appear as Figure 1-4:

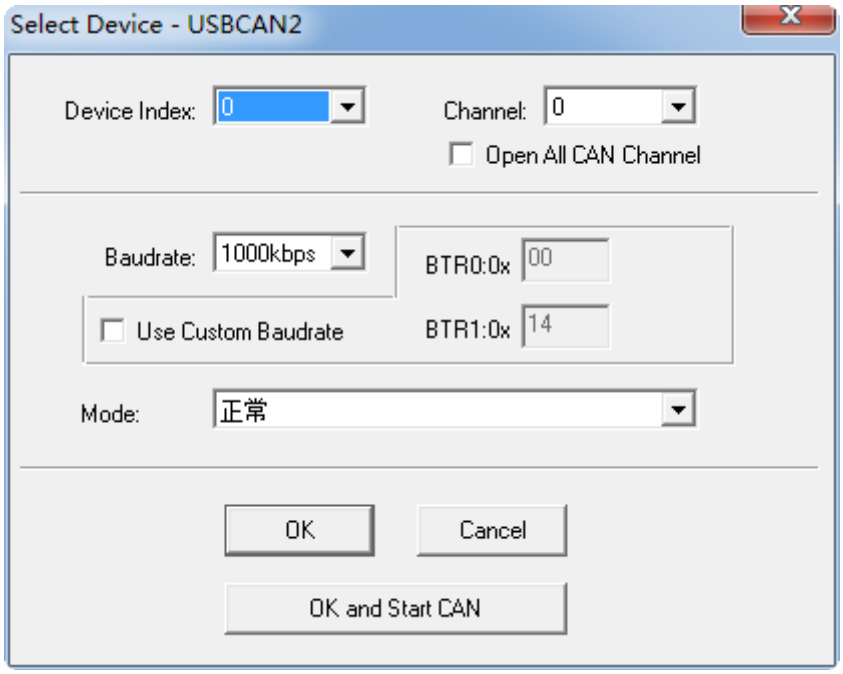

Figure 1-4: Dialog box for USBCAN2

If you've chosen USBCAN-2E-U device, the dialog box will appear as Figure 1-5:

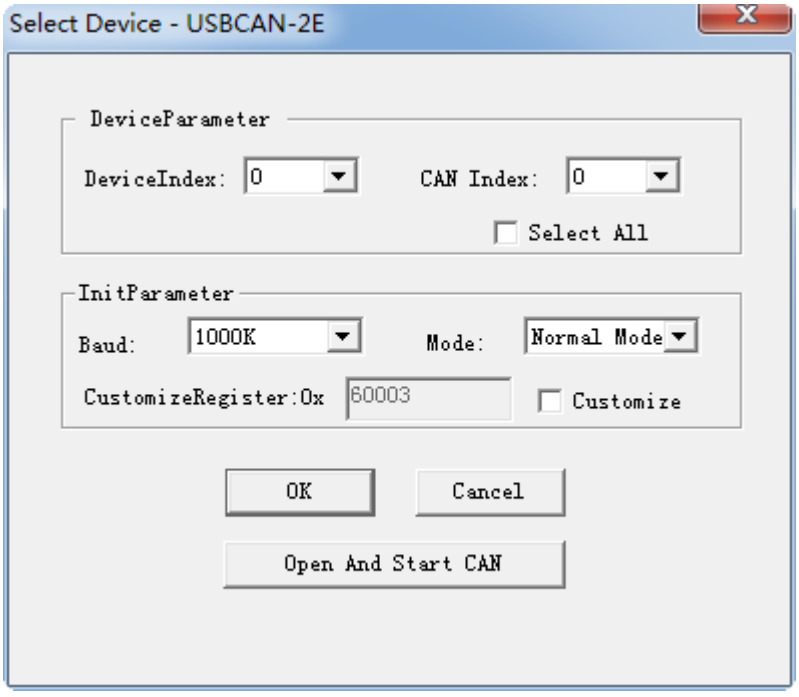

Figure 1-5: Dialog box for USBCAN-2E-U device

In this dialog box, you can select the index of device, CAN channels, and you can set the parameters for devices. Click 'ok' to apply the setting and open the device.

1.1.3 Getting device information

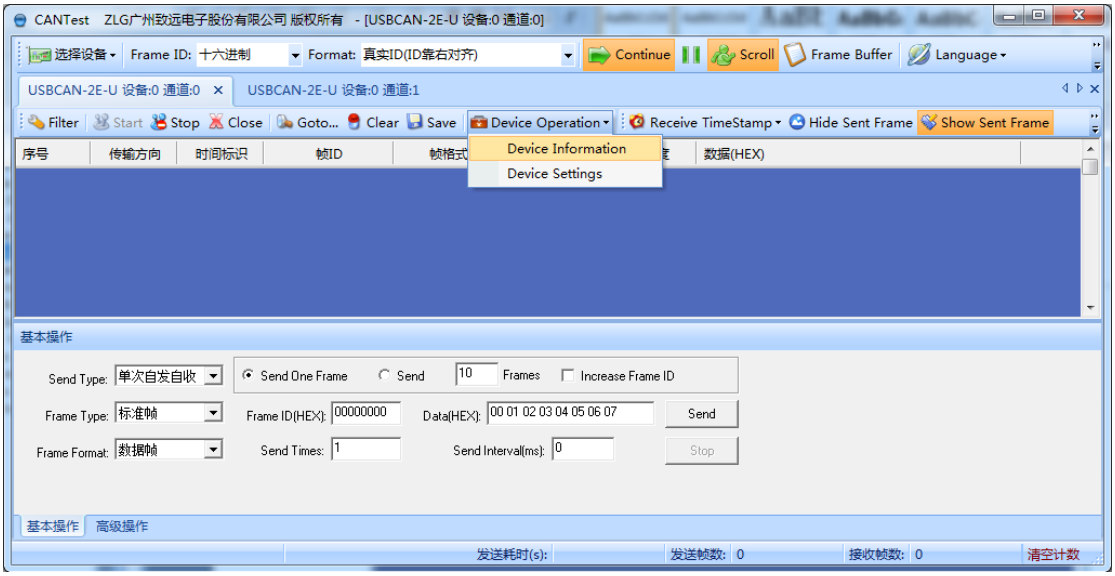

Figure 1-6: getting device information

As Figure 1-6 shows, when the device is opened, you can select ‘Device information’ option to get information on devices, Figure 1-7 shows the information of device:

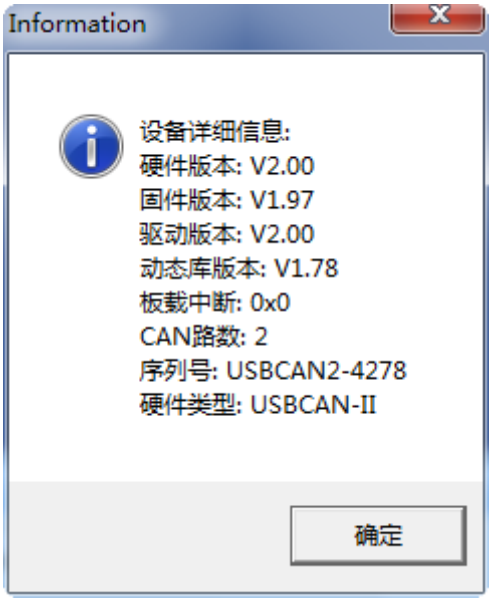

Figure 1-7: Device information

1.1.4 Activate or reset CAN

After opening the device, user must activate CAN before sending or receiving data, click ‘StartCAN’ button to activate CAN network connections, as Figure 1-8 shows:

Figure 1-8: Activating CAN network connection

1.1.5 Data transmission

When successful activated, set all parameter in the window shown as Figure 1-9, then you can start sending data.

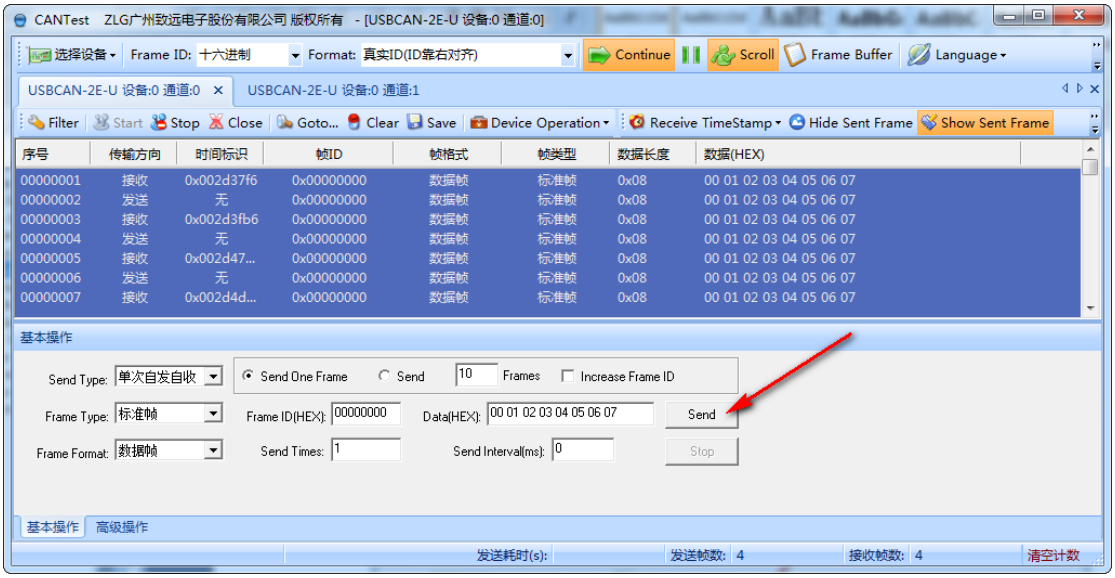

Figure 1-9: parameter setting before sending data

Figure 1-10 shows a sample data sending window.

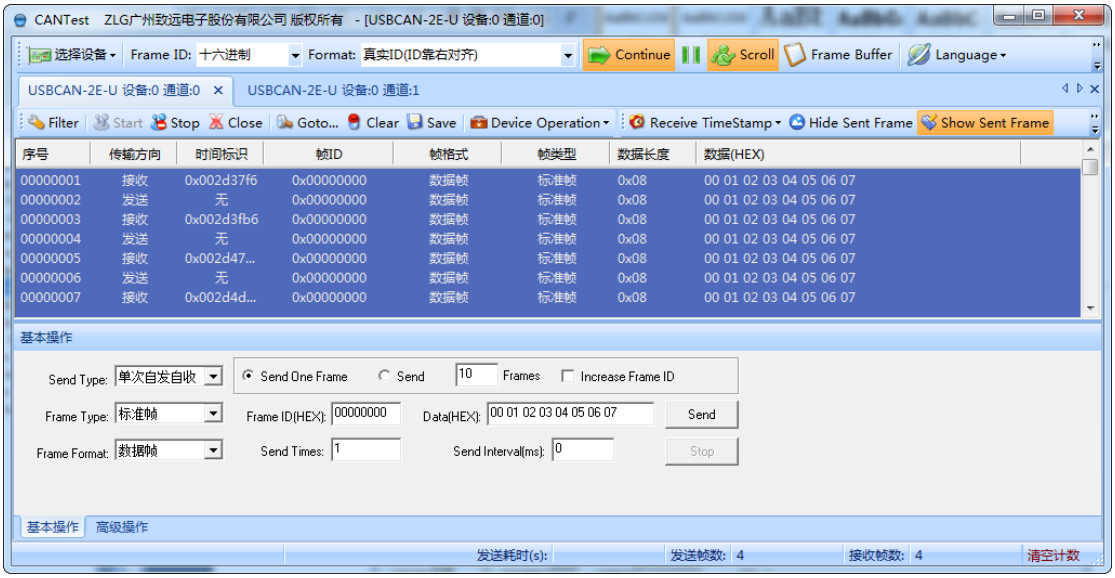

Figure 1-10: Sending data

1.2 Assistant features

There are many assistant features included in our software, as Figure 1-11 shows.

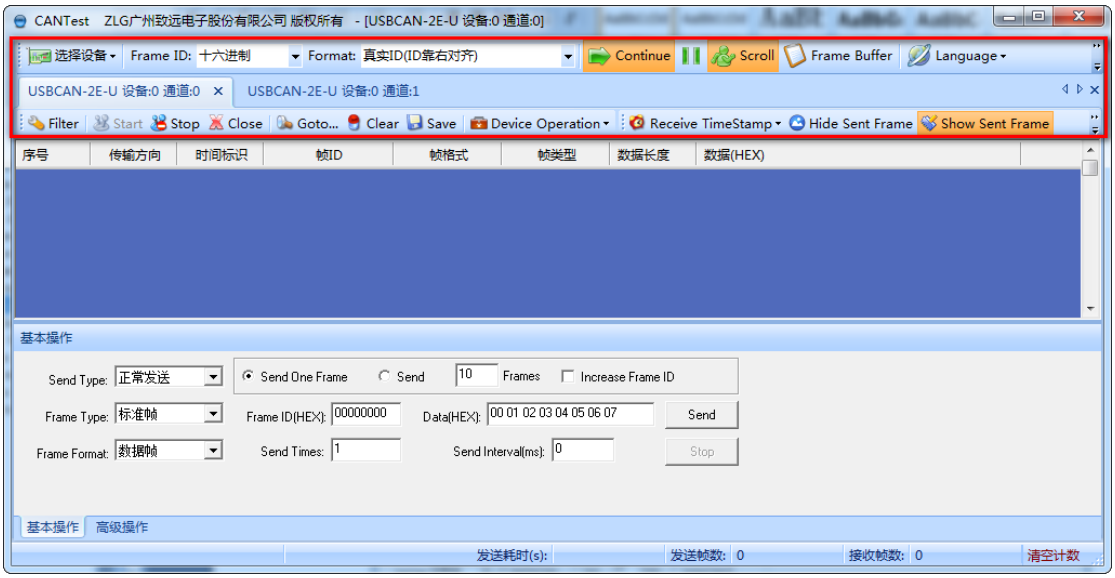

Figure 1-11: Assistant features

1.2.1 Continue displaying sent or received data

Check ‘Continue’ option will cause the program to continue the displaying of the sent or received data.

Figure 1-12: Continue displaying sent or received data

1.2.2 Stop displaying sent or received data

Check ‘Stop’ option will cause the program to stop showing the sent or received data.

Figure 1-13: Stop displaying sent or received data

1.2.3 Scroll to the last sent or received data

Check ‘Scroll’ option to Scroll the display window to the last sent or received data.

Figure 1-14: Scroll to the last sent or received data

1.2.4 Setting on data list buffer size

Set up the buffer size for maximum frame number to displaying of the received or sent data, as Figure 1-15 shows.

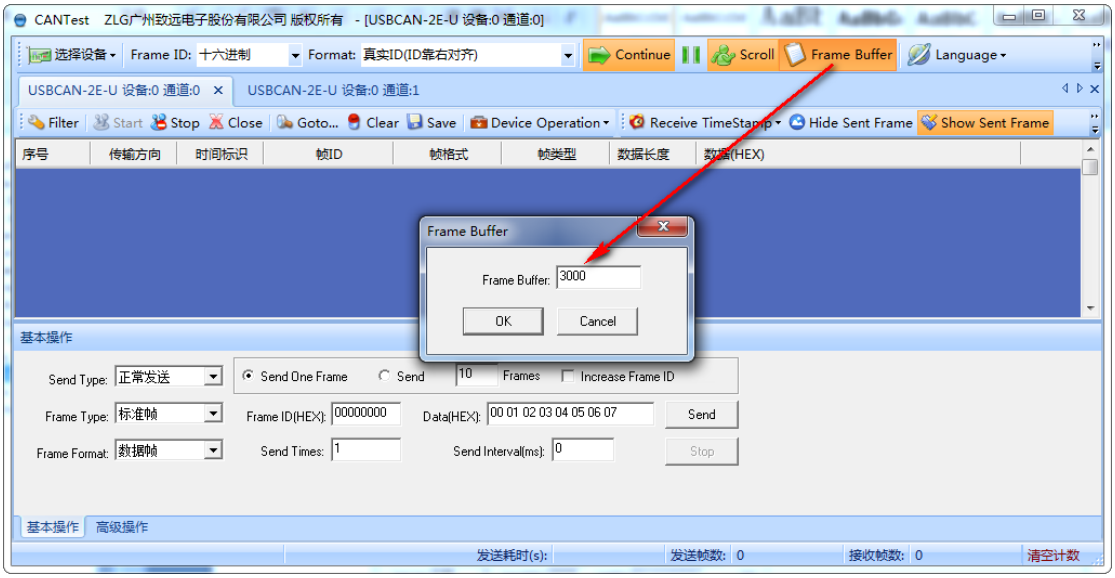

Figure 1-15: Setting buffer size

1.2.5 Locate a certain frame

Enter the line number of the frame data within the dialog box shown in Figure 1-16, the program will locate the specified frame and display it.

Figure 1-16: Finding a frame line

1.2.6 Clear data lists

Select ‘Clear option to clear data lists.

Figure 1-17: Clear data lists

1.2.7 Saving data to files

Select ‘Save Data’ option to save data to files.

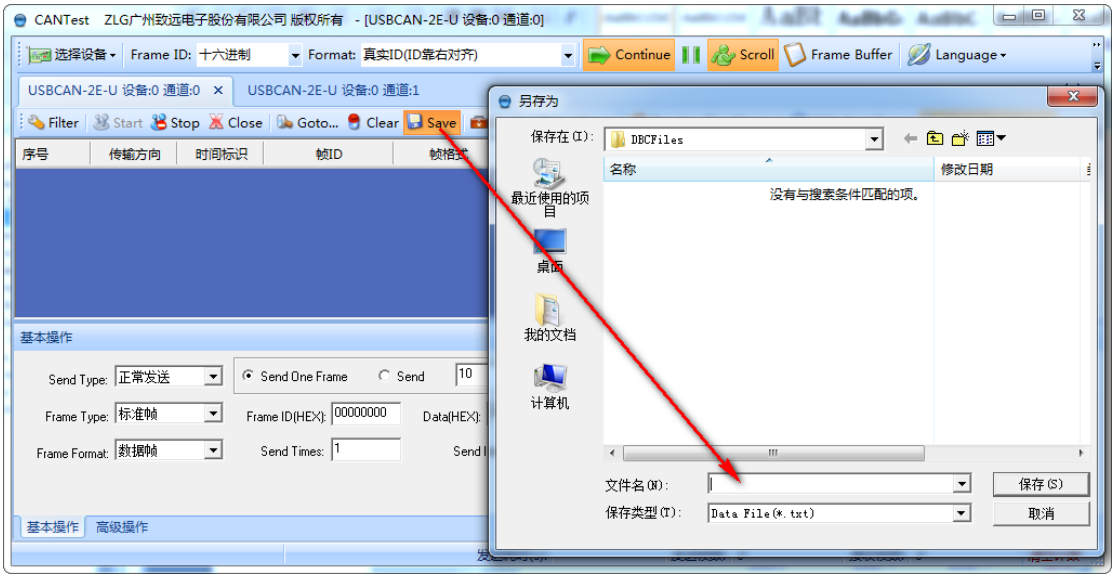

Figure 1-18: Saving data to files