Software multi frame transmission usage description

1. Multi frame transmission interface

2. Functional description

    Multi frame transmission is mainly for debugging, sometimes we have multiple frames ID to send and can be sent by multiple frames.

Add: Add a transmission frame data under the multi frame sent area selected line

Delete: Delete a line selected from the multi frame transmission area

Clear: All data will be cleared to send multiple frames

Send selected frame: The selected row is selected in the multi frame transmission area, and the selected frame is sent, then the frame ID of the selected row and the corresponding data are sent.

☐Sequence If you select the **Sequence** button, click the send selected frame, then the data will be sent from the selected frame in the multi frame sending area. After sending the selected rows, the next row will be automatically selected in order to push it forward.
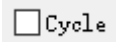
□Cycle   If the **Cycle** button is selected and then the selected frame is sent, the selected frame is circulated and the interval time is selected to change the interval time in the line.

If the Sequence and Cycle button are selected at the same time, and then the selected frame is clicked, the data is circularly transmitted from the sequence of frames selected from the multi frame transmission area.

Stop: Click this button to stop sending all the data in the multi frame transmission area

3. Example

For example, we are going to send 3 ID data: they are

1 Extended frame ID 0x1 Data: 11 22 33 44 55 66 77 88, Interval time: 200ms

2 Extended frame ID 0x2 Data: aa bb cc dd, Interval time: 300ms

3 Extended frame ID 0x3 Data: 00 ff 99 00 00 22 00 45, Interval time : 400ms

3.10 When you click the increase button in the multi frame transmission area, the following is shown as follows

Send No	Frame Type	Frame Format	Frame ID	Data	Interval(ms)
0	Extended Frame	Data frame	00000000	00 01 02 03 04 05 06 07	100

Clear   Delete
Add
Send selected frame
☐Sequence ☐Cycle
Stop

3.11 Click the left button of the mouse, select 00000000 below the frame ID, and show the following

Send No	Frame Type	Frame Format	Frame ID	Data	Interval(ms)
0	Extended Frame	Data frame	00000000	00 01 02 03 04 05 06 07	100

Clear   Delete
Add
Send selected frame
☐Sequence ☐Cycle
Stop

3.12 You can edit the modified frame ID 00000000, and we'll change it to 00000001.

3.20 In the same way, click the left button of the mouse, select 0001020304050607 of the data below, and show the following

3.21 You can edit the modified data 00 01 02 03 04 05 06 07, and we modify it to11 22 33 44 55 66 77 88 can

3.30 The same method can change the interval time, the specific operation is as follows, click the left mouse button, select 100 below the interval time, then show the following

3.31 You can edit the modified interval time 100, and we'll change it to 200.

After the above modification, we need to click the left mouse button to click the line


This ensures that the content we have modified is stored in the configuration file, and the next time it opens, it does not need to be reentered.

We can open the mCAN.ini configuration file and look at the contents of the configuration file
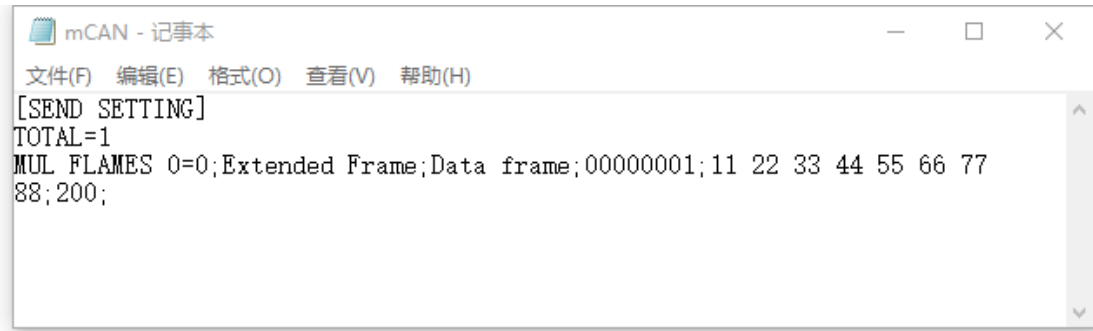
4.40 To switch the frame type, we can click the left button of the mouse to click the extended frame (or standard frame) under the selected frame type, and then the following display will appear
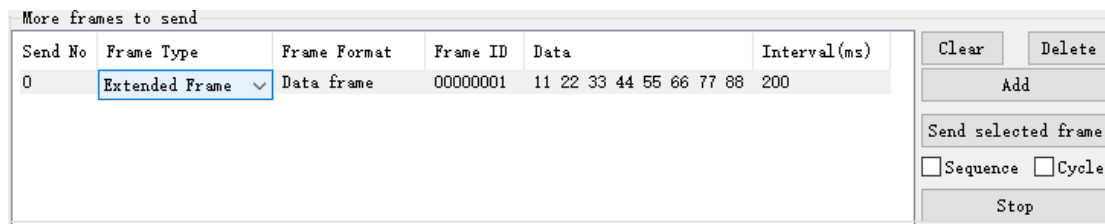
4.41 A combo box appears under the frame type, with the left click of the mouse click on the combo box, which is shown as follows
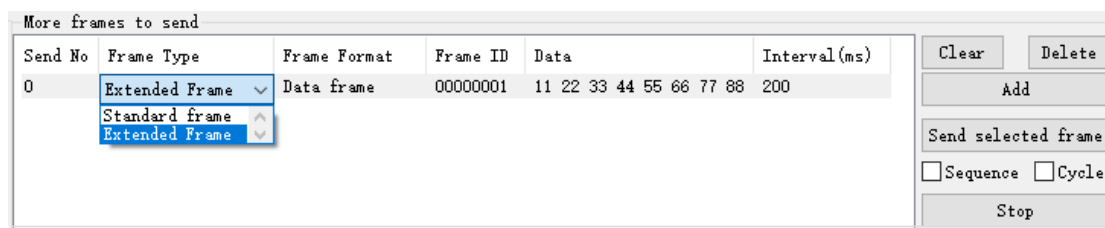
We can choose the appropriate frame type according to the needs

4.50 If you want to switch the frame format, we can click the left button of the mouse to click the data frame (or remote frame) under the selected frame format, then the following display will appear

4.51 A dialog box appears under the frame format, with the left click of the mouse click on the combo box, which is shown as follows

We can choose the appropriate frame format according to the needs

With the same method mentioned above, we can add second, third frame ID and corresponding data, interval time

We select a line, and click Send selected frame, Then the selected row frame ID and the data are sent directly

If we need to circulate a row all the time, we first choose to change the line, then select the loop, then click Send selected frame, then we send the selected row ID and data continuously according to the interval time.

If we need to send in order, after selecting the order, click Send selected frame, and then switch to the next line automatically.

If the sequence and loop are selected at the same time, click Send selected frame, then the rows of data in the multi frame transmission area will be automatically circularly transmitted.