



User Manual



-

-

-

-

-

-

-

Ω

-

-

-

-
-





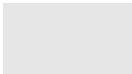
	x x x

	×
	± ±
	× ×



	Ω







--	--	--

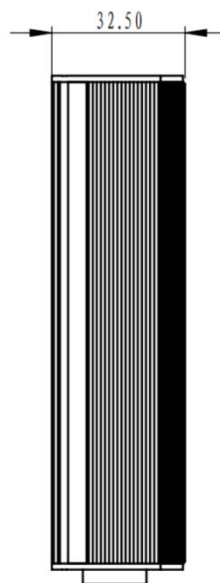
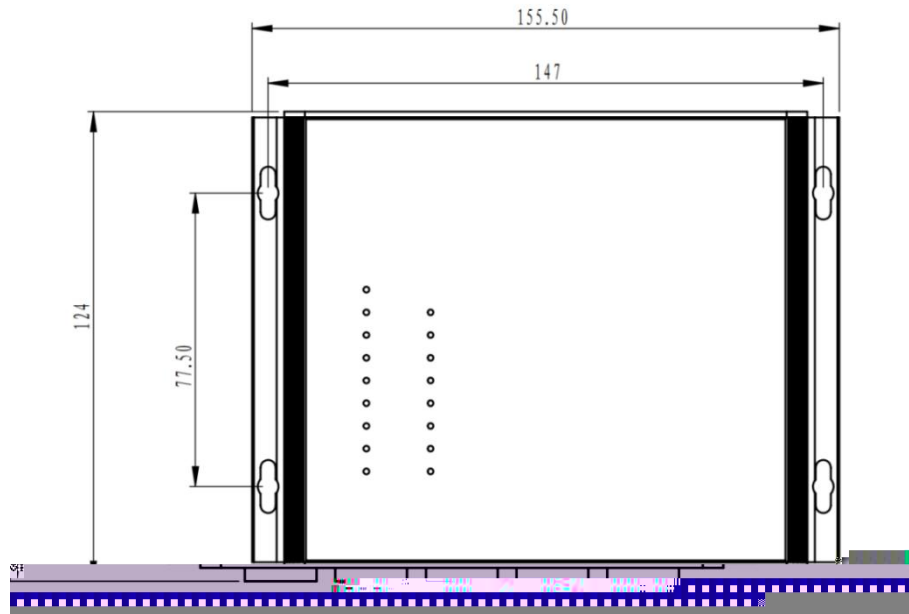


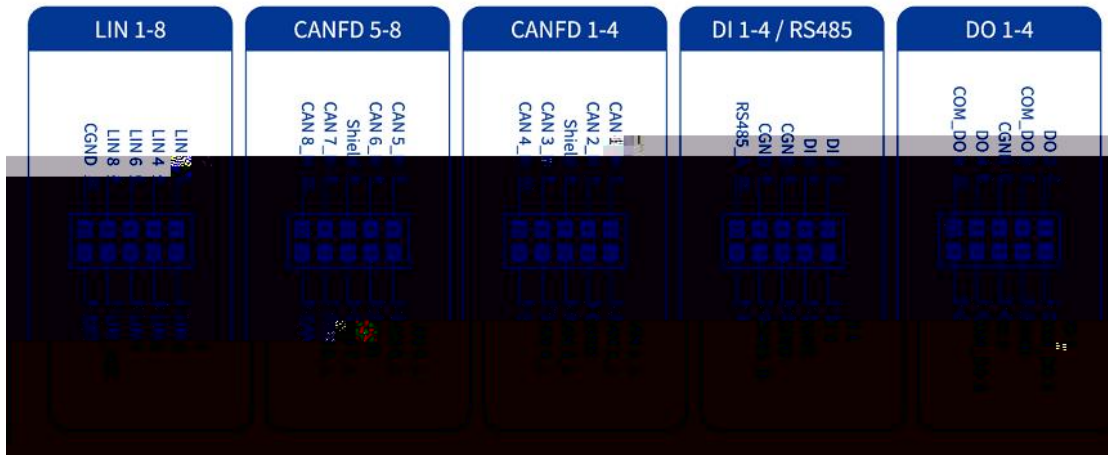
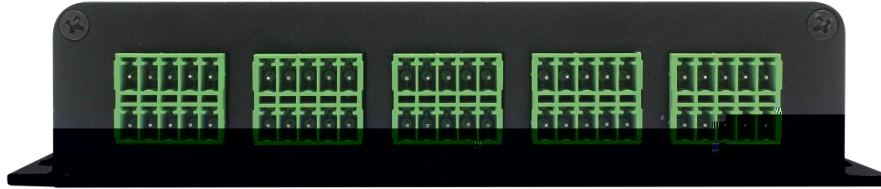
			∞		

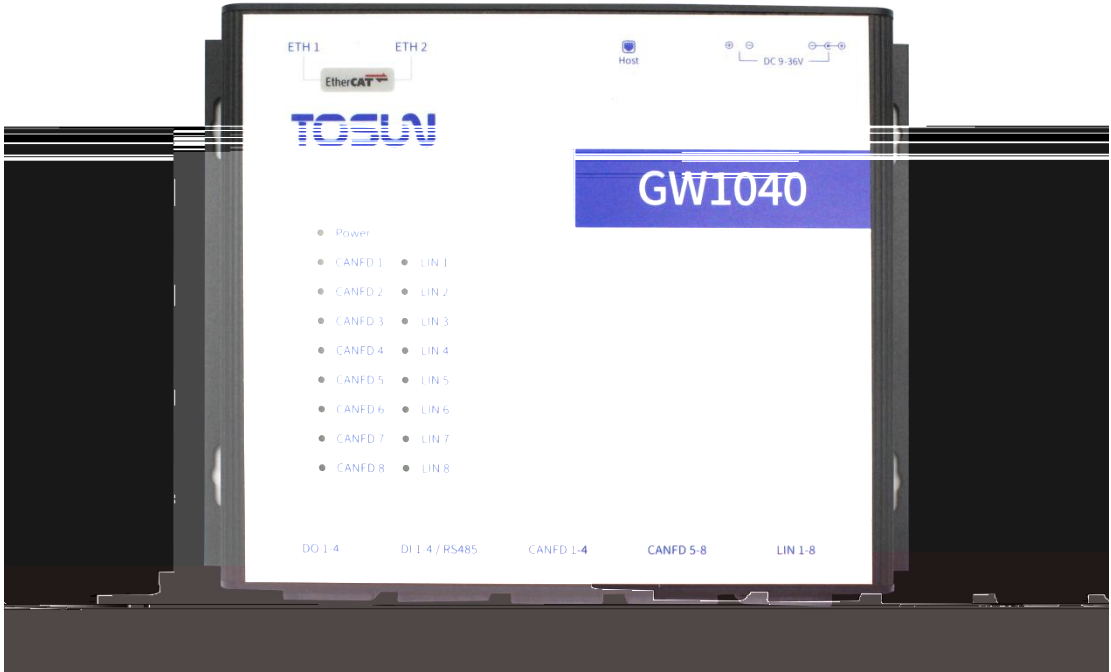




			±	
			±	
			±	







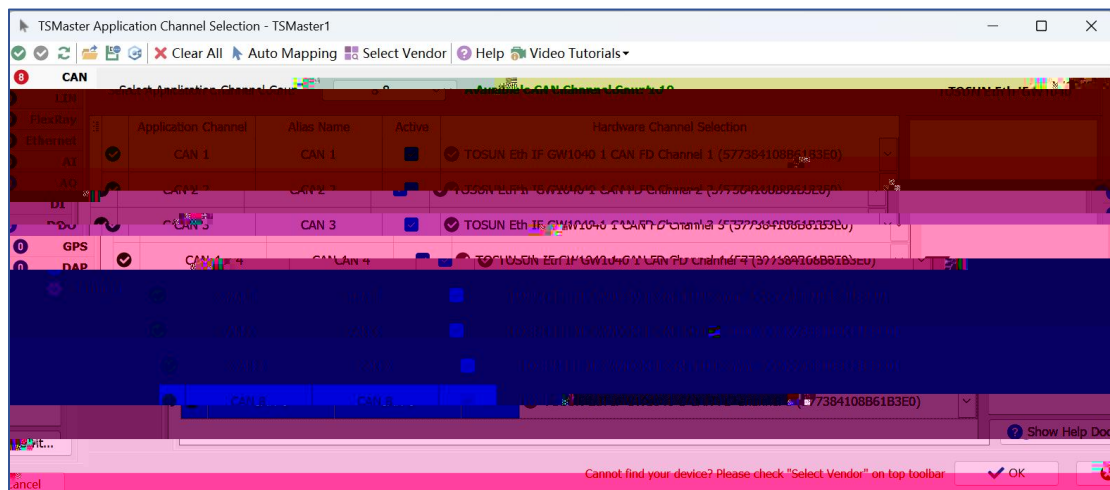
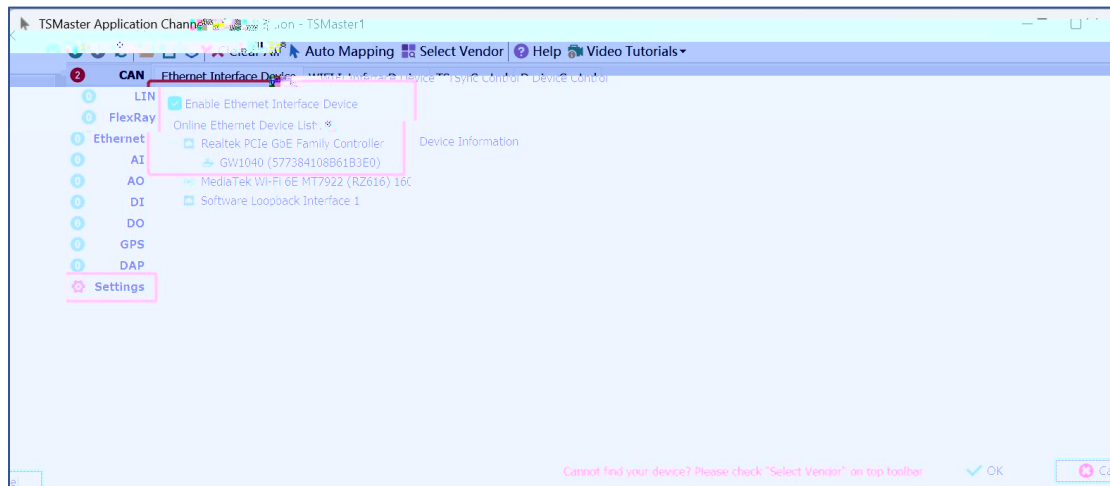
		—
		—

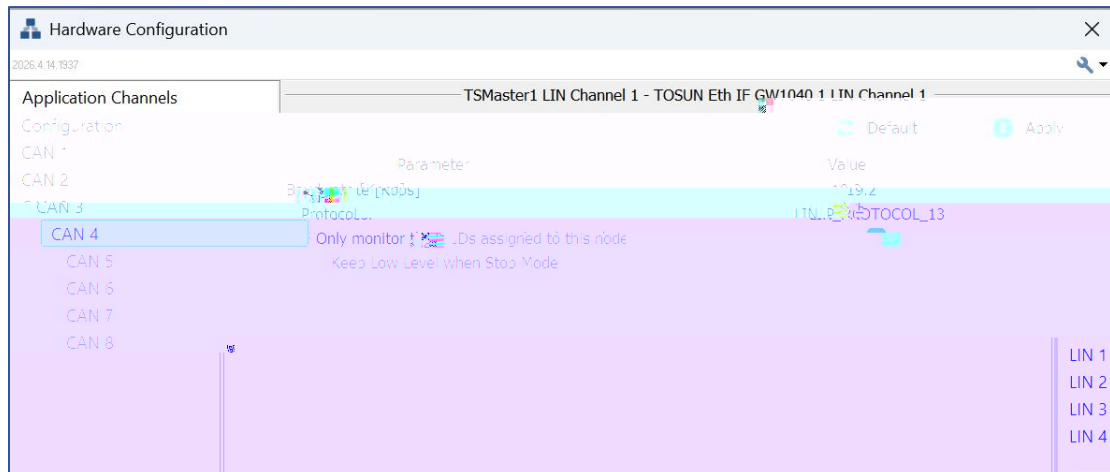
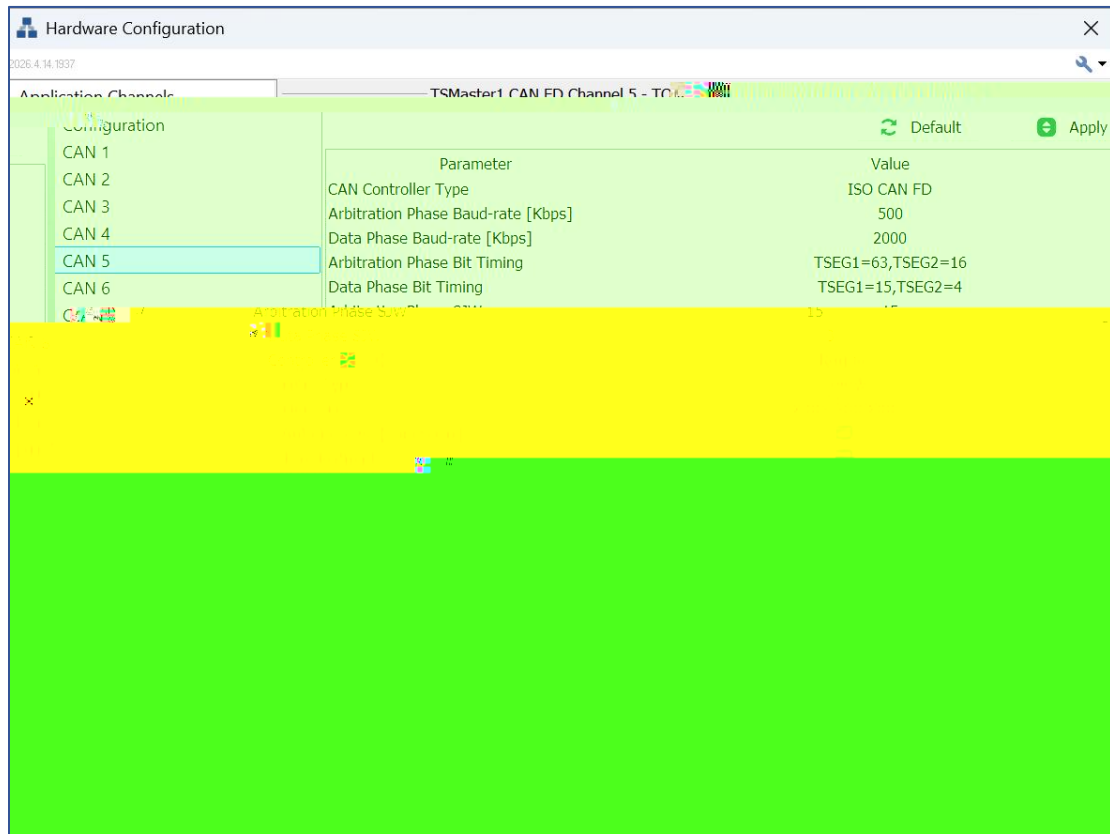


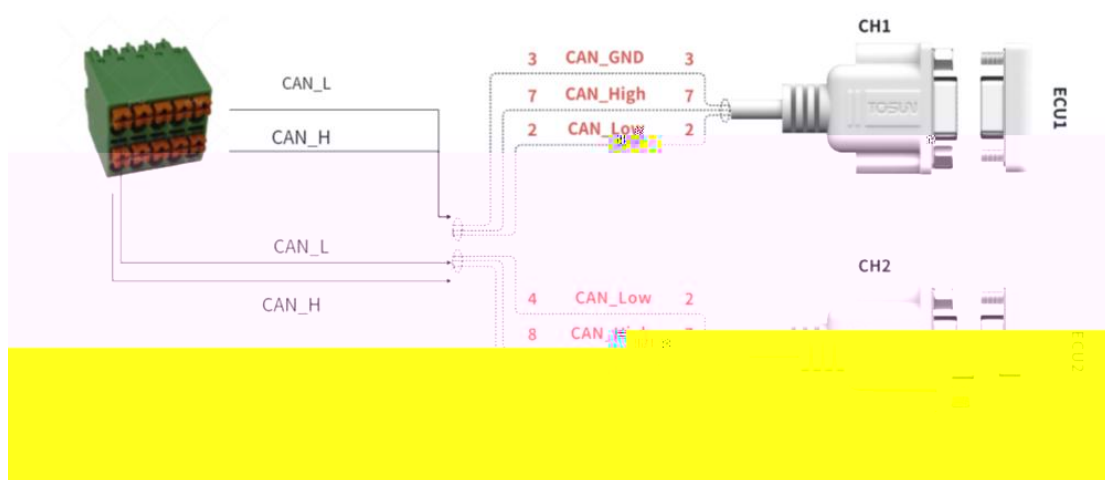


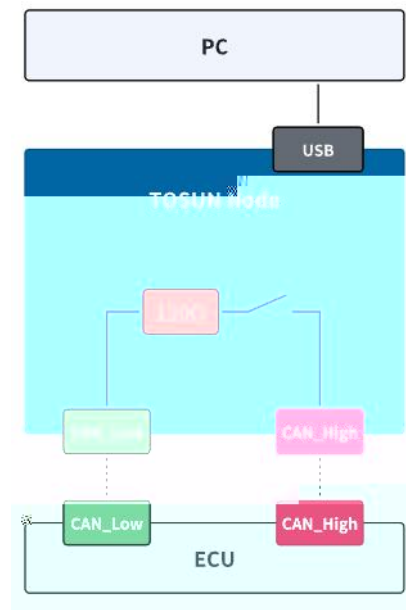
			
			
			
		 	

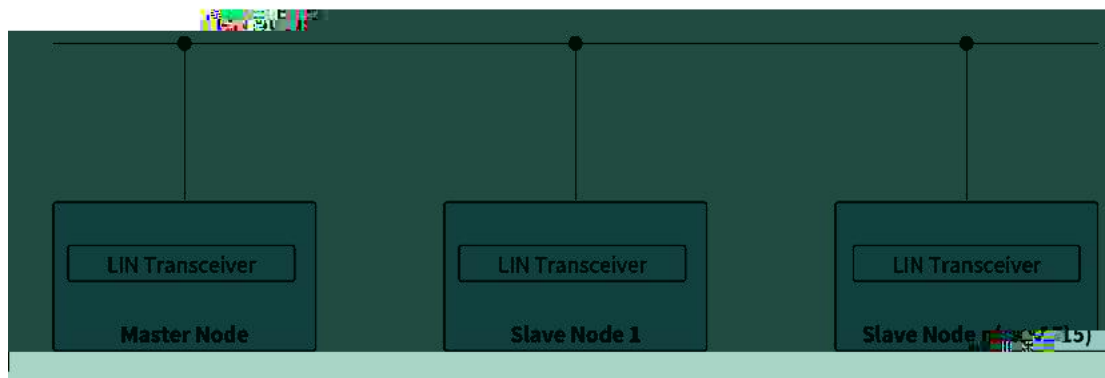
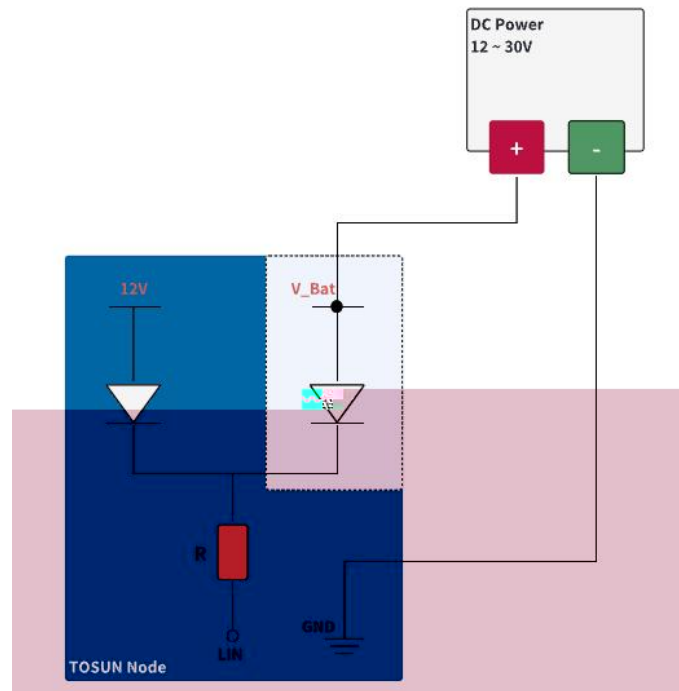
			
--	--	--	--

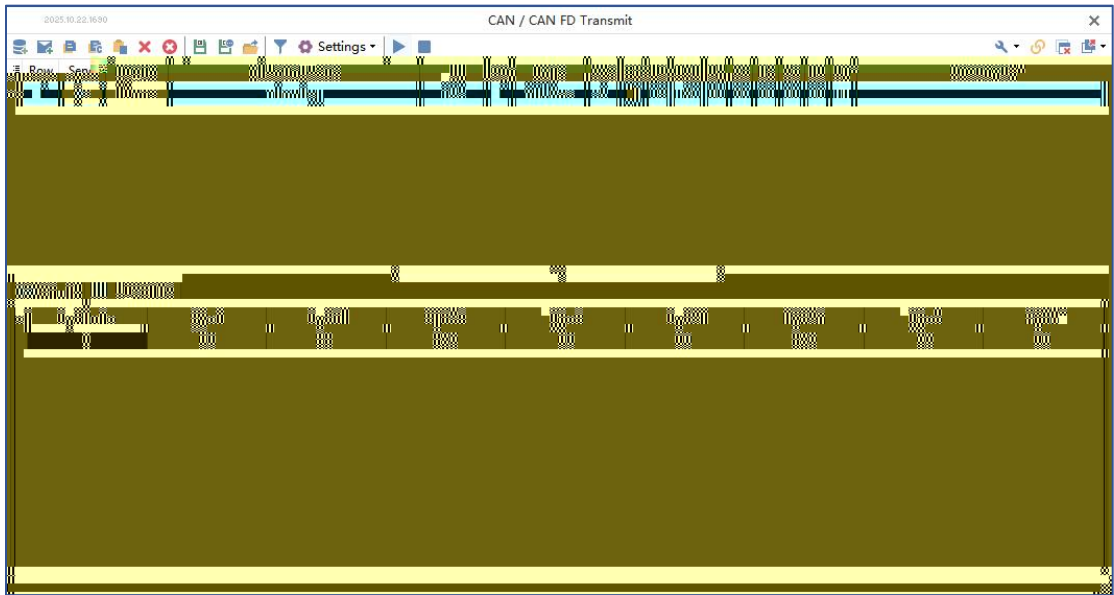












03/05/20 10:22:30.930

CAN / CAN FD Transmit

<

CAN Statistics	
Statistics	Channel 1
Baud Rate [Kbps]	500
Bus Load [%]	2.48
Peak Load [%]	2.52
Std. Data [fr/s]	98
Std. Data [total]	540
Ext. Data [fr/s]	0
Ext. Data [total]	0
Std. Remote [fr/s]	0
Std. Remote [total]	0
Ext. Remote [fr/s]	0
Ext. Remote [total]	0
Error Frames [fr/s]	0
Error Frames [total]	0
Controller State	Active
Tx Error Counter	0



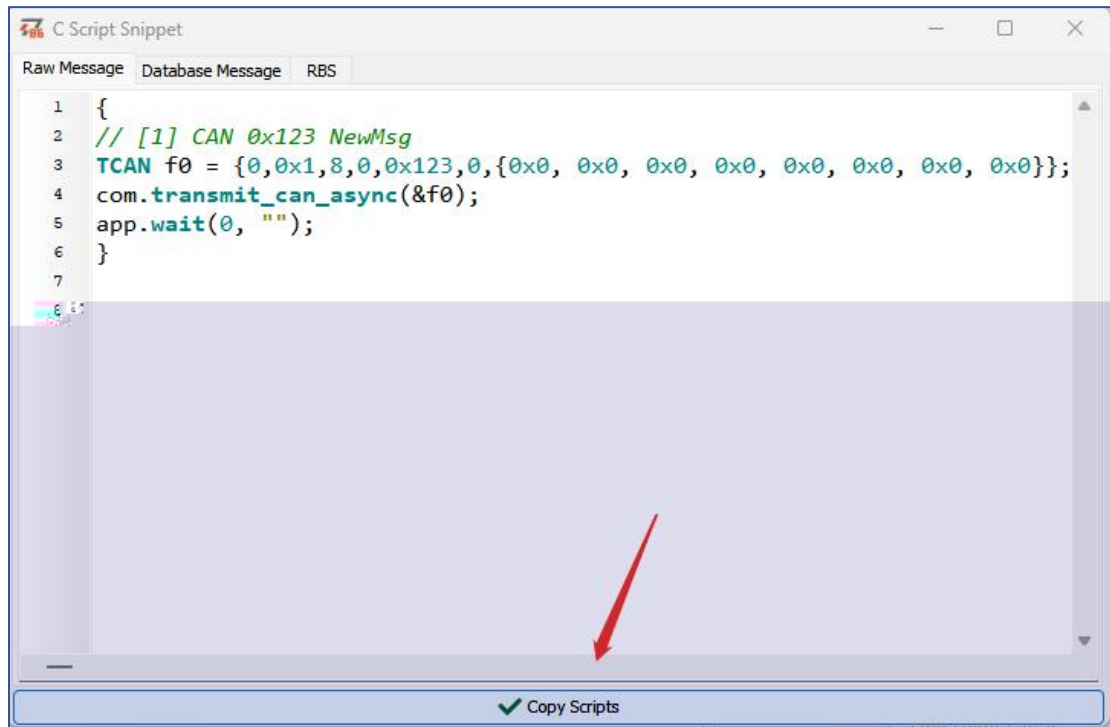
2025.10.22.16:50

CAN / CAN FD Transmit

Row	Send	Trigger	Message Name	Id	Chn	Type	DLC	BRS	D0	D1	D2	D3	D4	D5	D6	D7	Comment
1	☐	10 ms	New Message	122	1	Std. Data	8	☐	00	00	00	00	00	00	00	00	

Byte Index: 00

Byte 4: 00, Byte 5: 00, Byte 6: 00, Byte 7: 00



C Script Snippet

Raw Message Database Message RBS

```

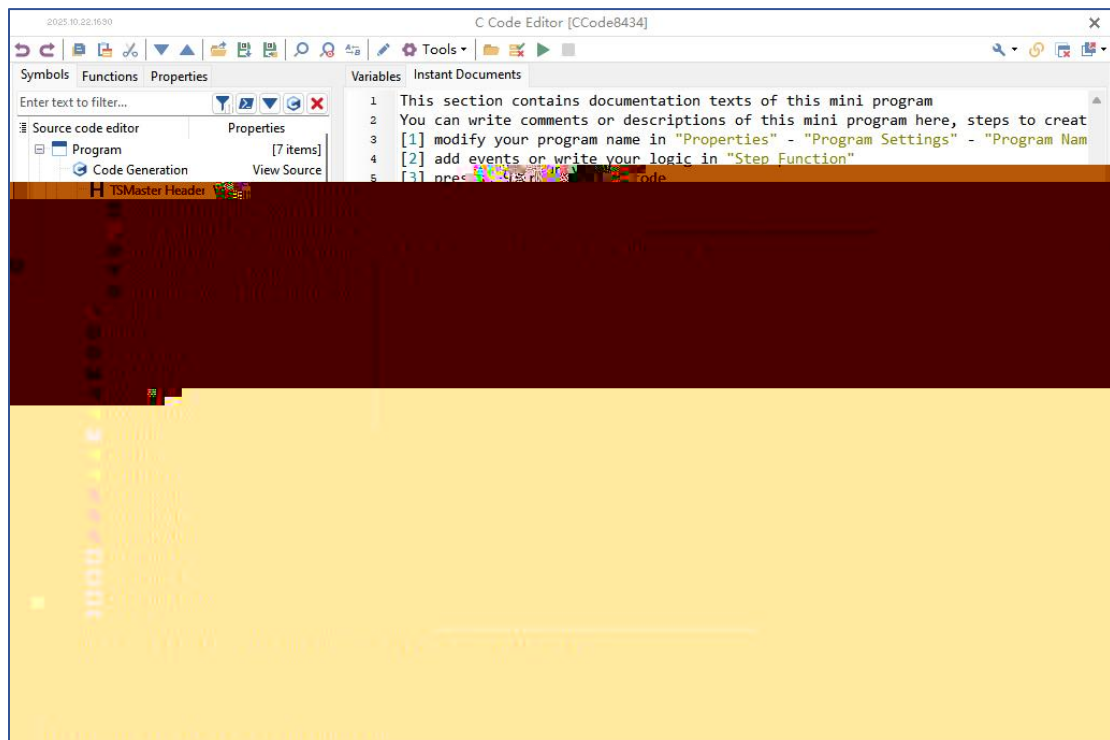
1 {
2 // [1] CAN 0x123 NewMsg
3 TCAN f0 = {0,0x1,8,0,0x123,0,{0x0, 0x0, 0x0, 0x0, 0x0, 0x0, 0x0, 0x0}};
4 com.transmit_can_async(&f0);
5 app.wait(0, "");
6 }
7

```

✓ Copy Scripts

→

→



2025.10.22.16:30 C Code Editor [CCode8434]

Symbols Functions Properties

Enter text to filter...

Source code editor Properties [7 items]

Program Code Generation View Source

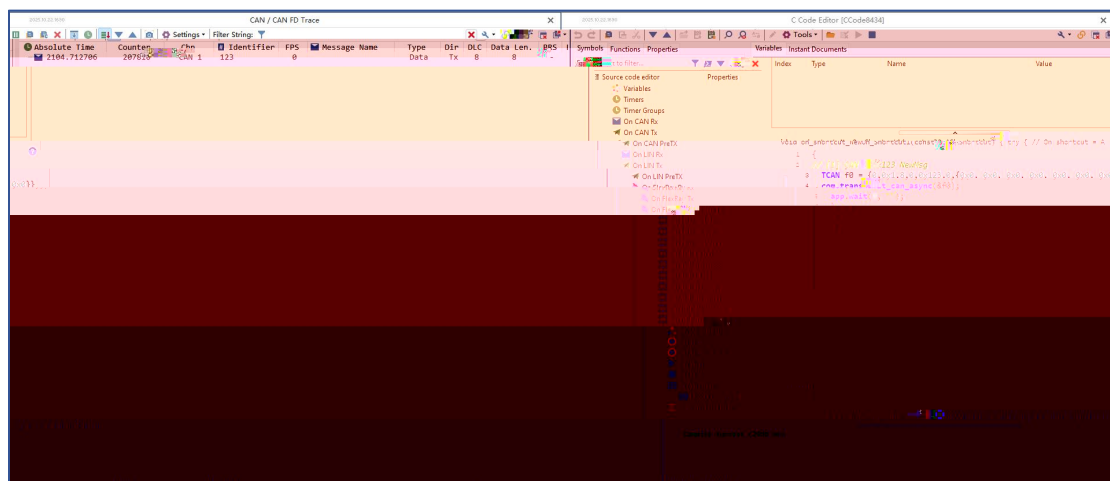
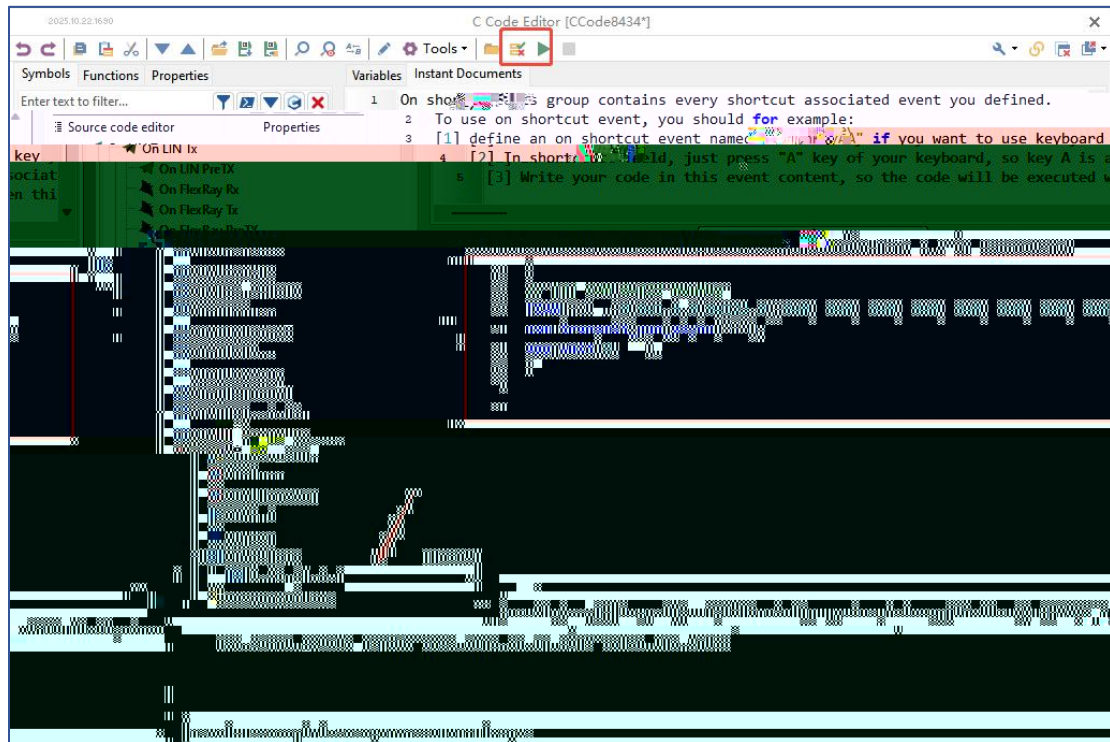
Variables Instant Documents

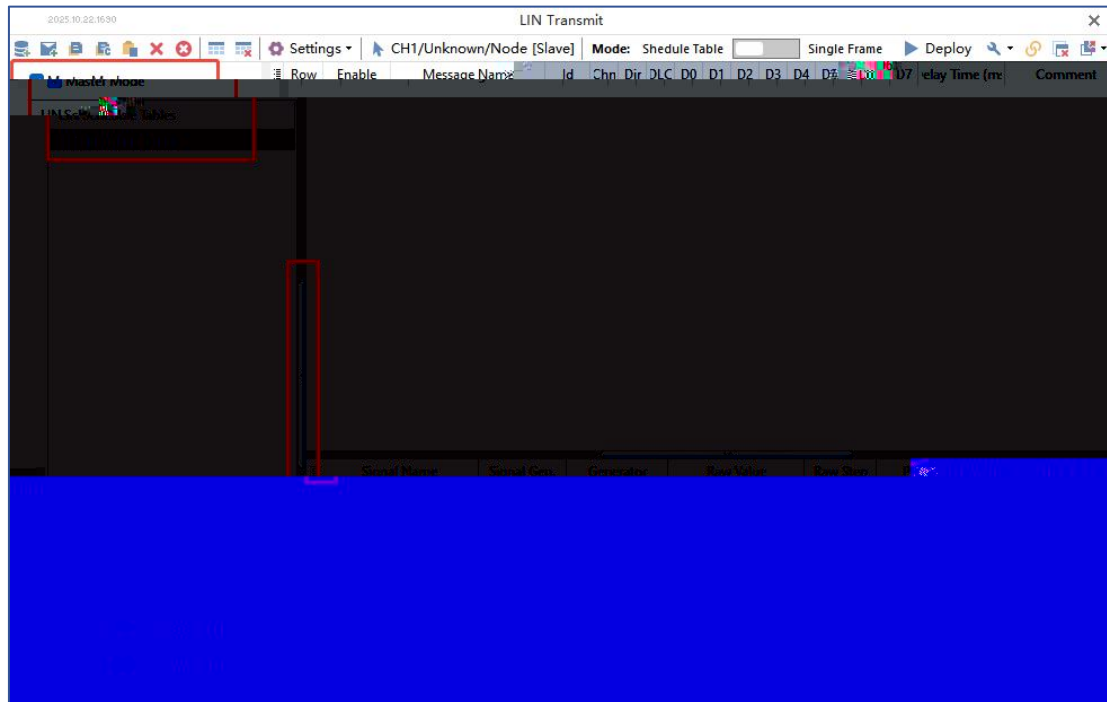
```

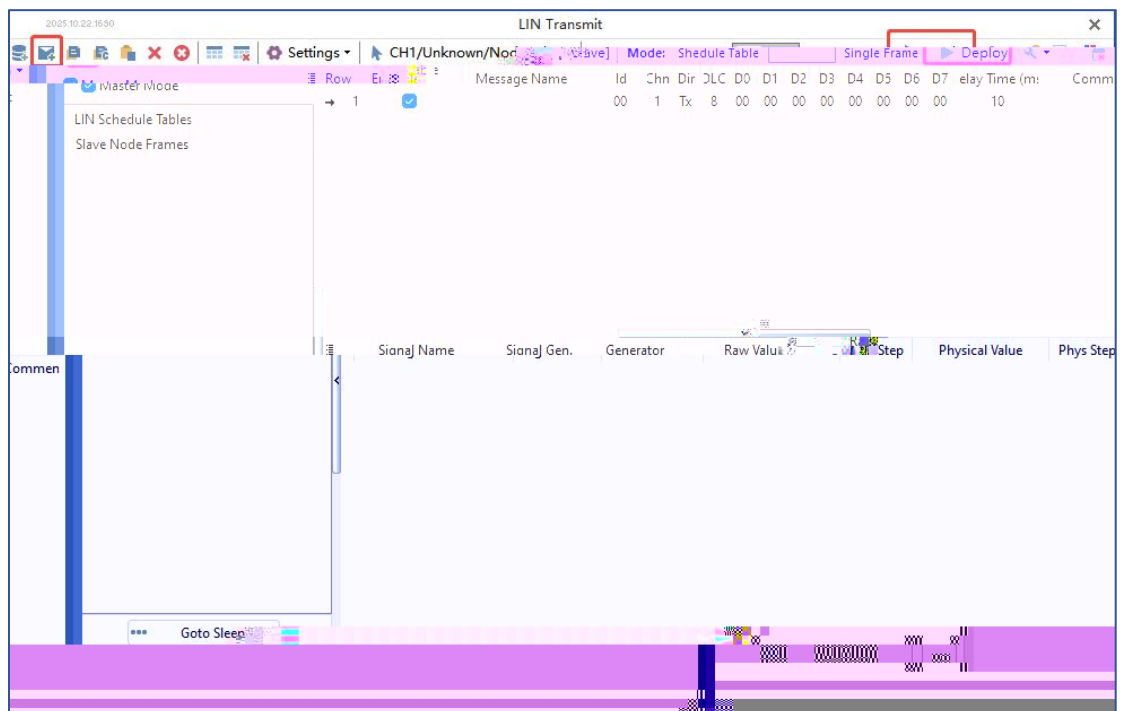
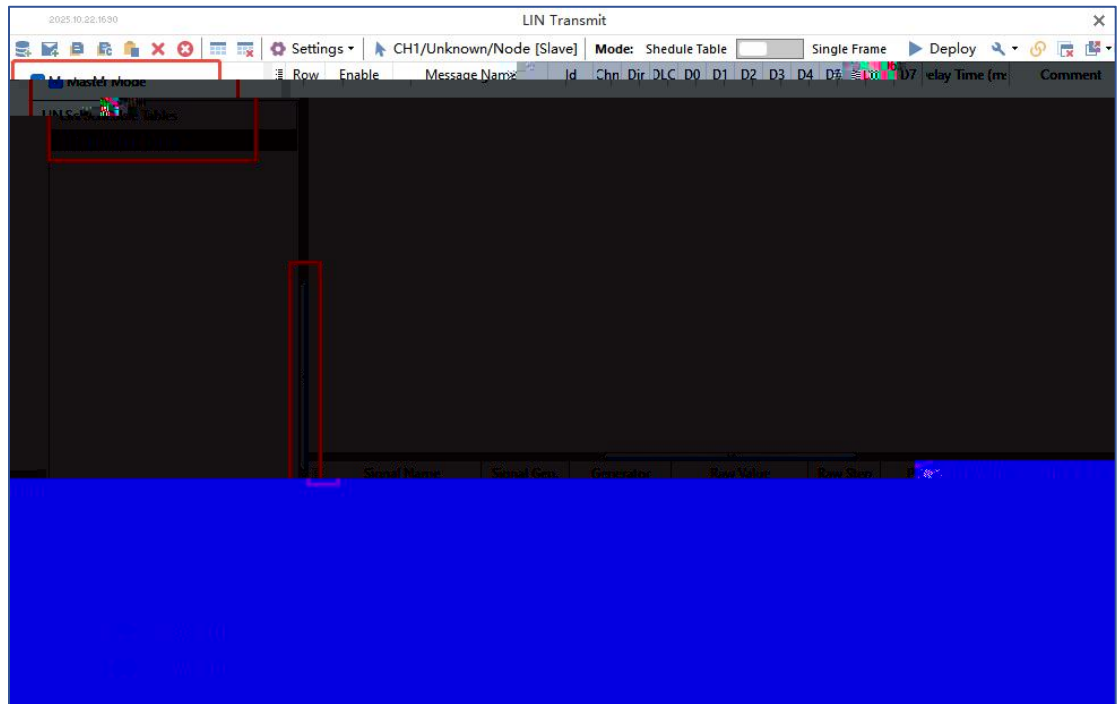
1 This section contains documentation texts of this mini program
2 You can write comments or descriptions of this mini program here, steps to creat
3 [1] modify your program name in "Properties" - "Program Settings" - "Program Nam
4 [2] add events or write your logic in "Step Function"
5 [3] press the "Generate" button to generate the code

```

TSMaster Header



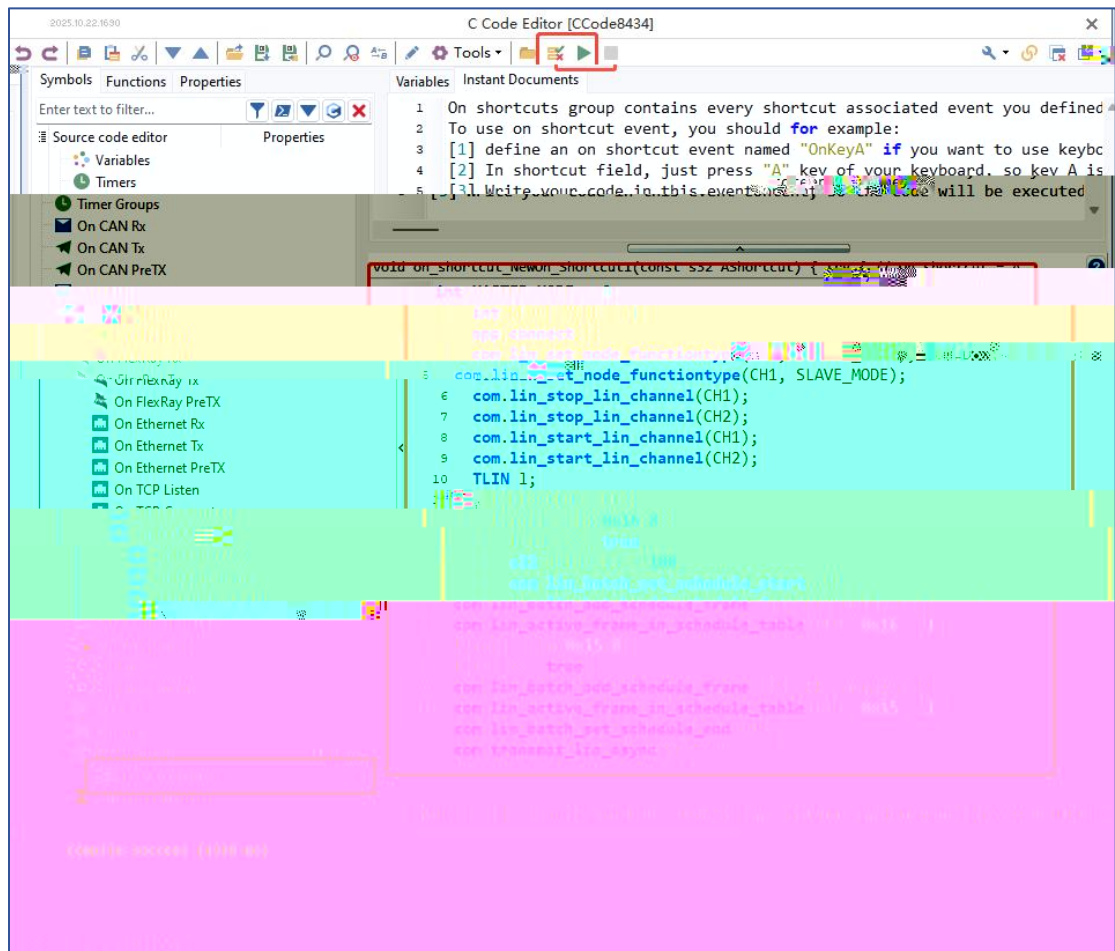






2025-10-28 17:29									
Settings • Filter String: 1									
Absolute Time	Date Time	Counter	Chn	Identifier	FPS	Message Name	Checksum	Dir	DLC
2621.017038	2025-10-28 17:29:02.339	1469	LIN 1	[80]00	99		FF	TX	8
Message Data: Bytes									

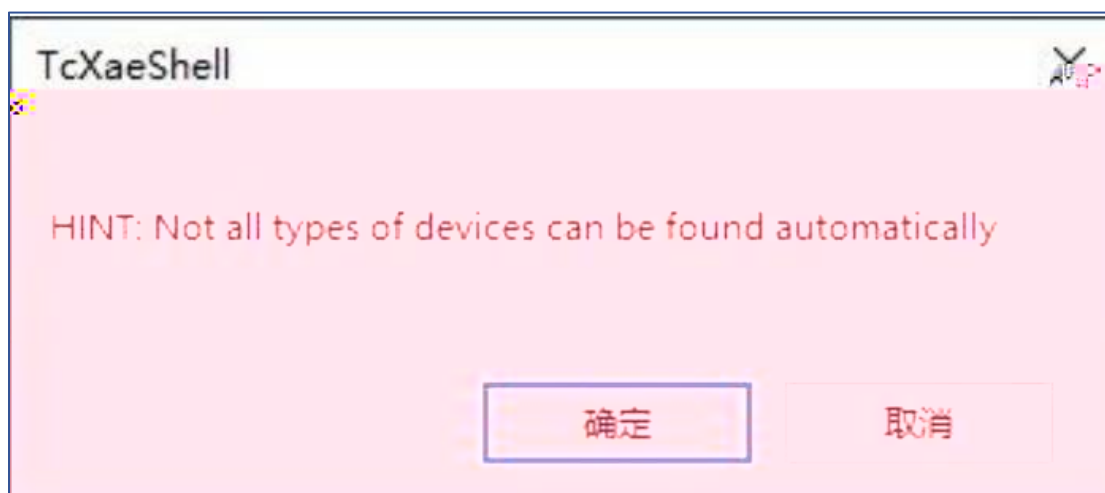
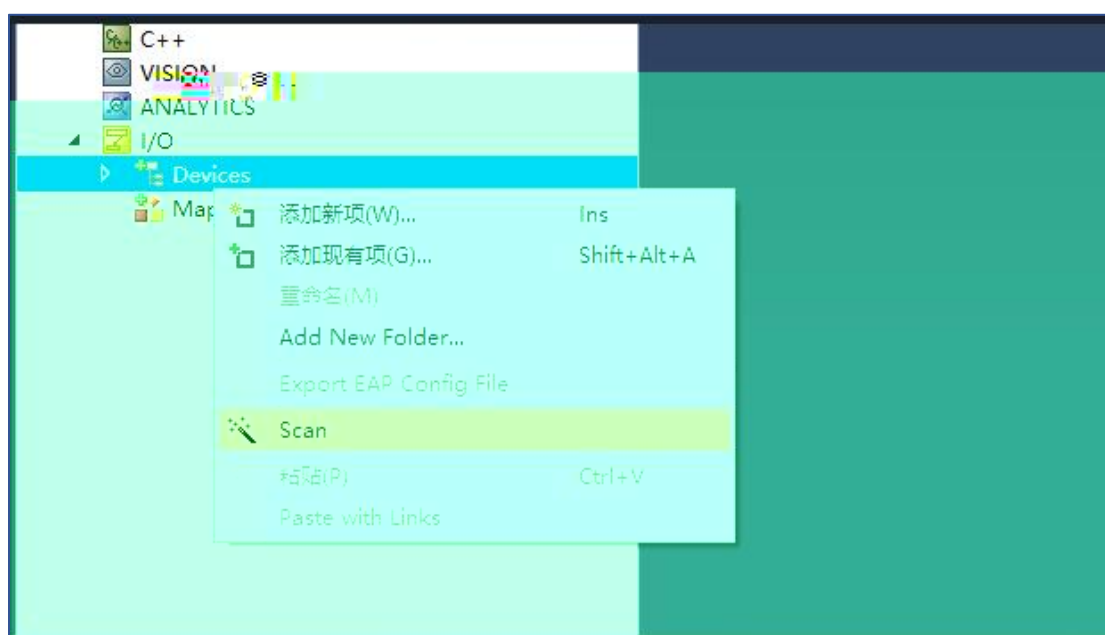


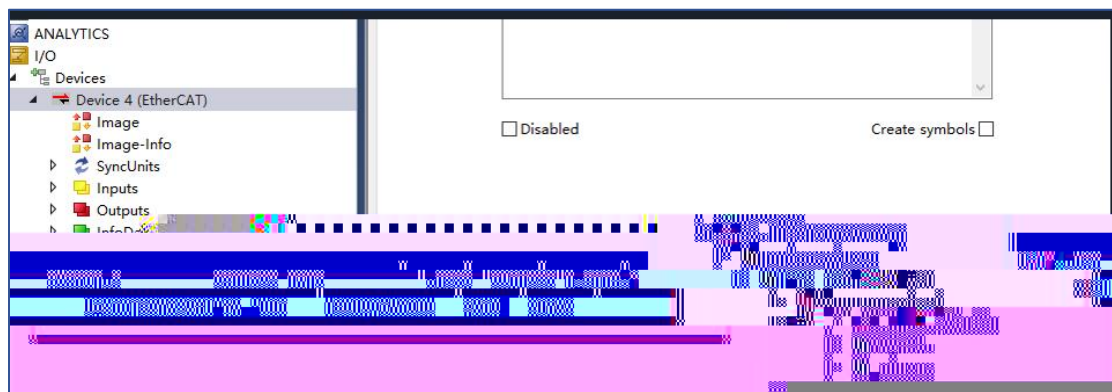
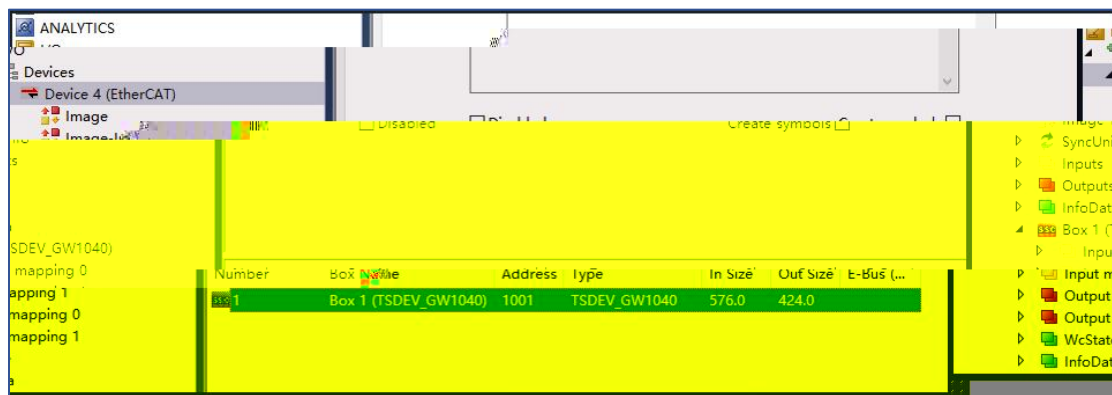
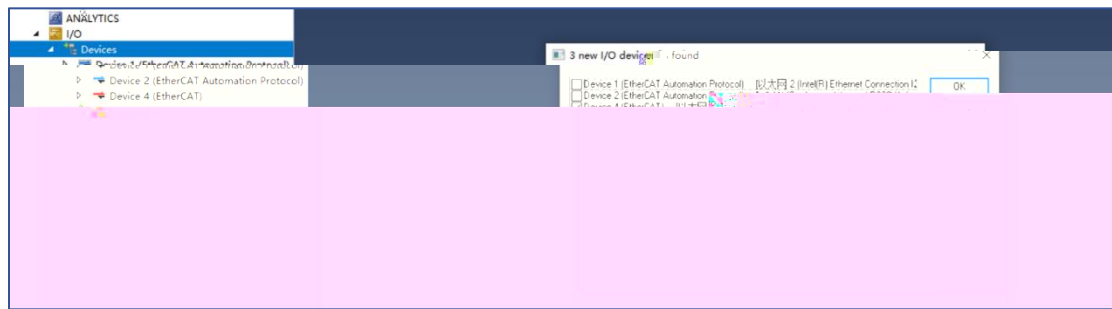


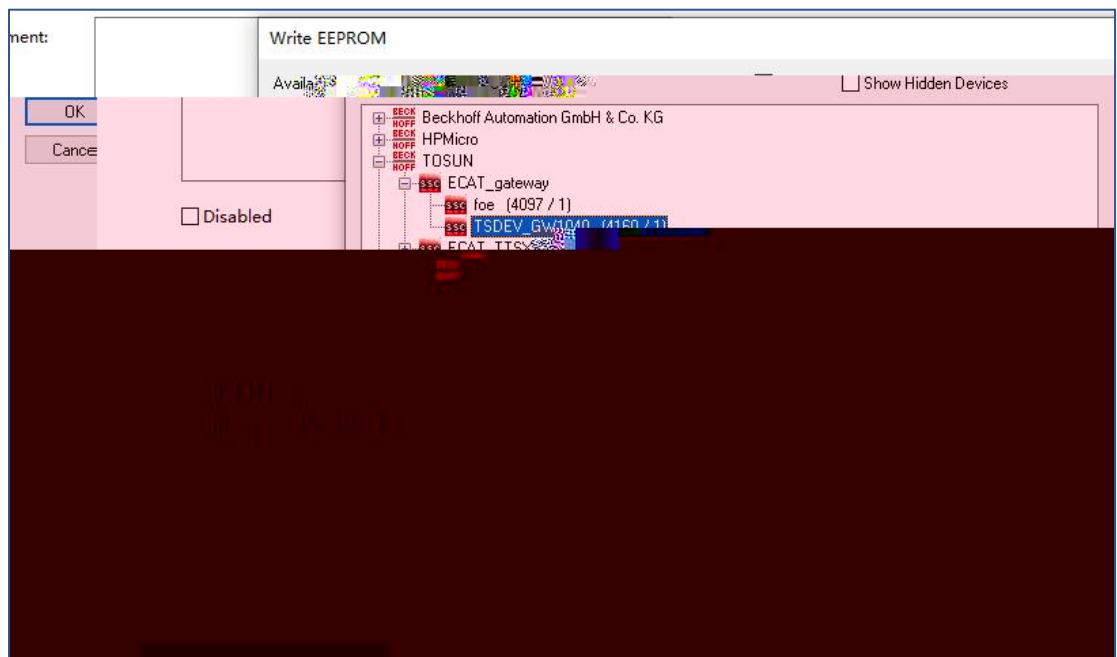
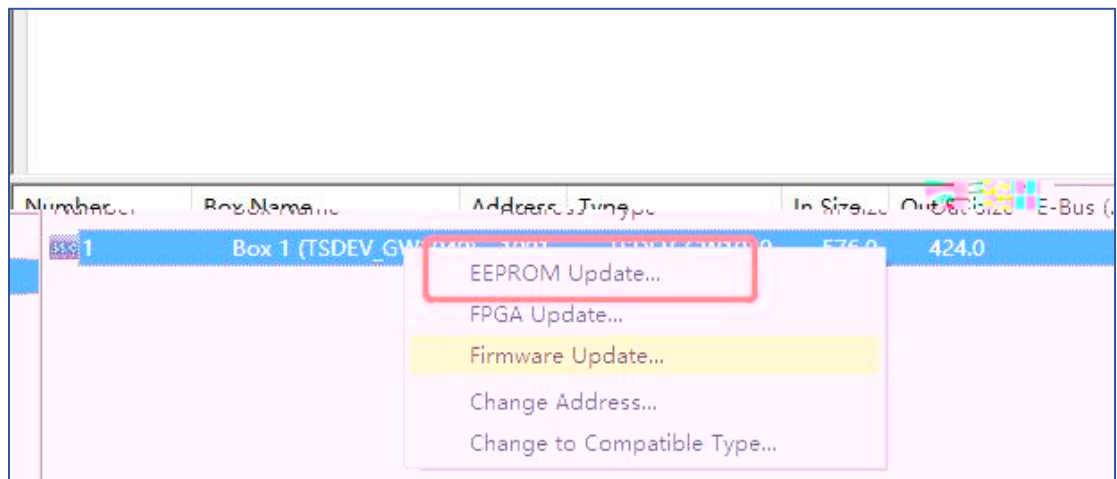
The screenshot shows the LIN Trace application interface. At the top, there's a title bar 'LIN Trace' and a menu bar with options like 'Settings', 'Filter String', and various icons. Below the menu bar is a table of captured LIN messages. The table has the following columns: Absolute Time, Date/Time, Counter, Chn, Identifier, EPS, Message Name, Checksum, Dir, and Message Data Bytes. Three messages are listed, all with Identifier [D6]16 and Message Name LIN_2. The first two messages are received (Rx) and the third is transmitted (Tx).

Absolute Time	Date/Time	Counter	Chn	Identifier	EPS	Message Name	Checksum	Dir	Message Data Bytes
175.959576	2025-10-28 17:39:02.344	1363	LIN_1	[D6]16	4	LIN_1	29	Rx	00 00 00 00 00 00 00 00
175.959930	2025-10-28 17:39:02.344	1364	LIN_2	[D6]16	4	LIN_2	29	Rx	00 00 00 00 00 00 00 00
175.859039	2025-10-28 17:39:02.344	1365	LIN_2	[D6]16	4	LIN_2	29	Tx	00 00 00 00 00 00 00 00

> 此电脑 > 本地磁盘 (C:) > TwinCAT > 3.1 > Config > Io > EtherCAT			
			
名称	修改日期	类型	大小
TSDEV GWU40.xml	2026/4/20 10:14	Microsoft Edge Fil...	1,054 K







1040

General

EtherCAT

DC

Process Data

Plc

Startup

CoE - Online

Online

State Machine

Init

Bootstrap

Pre-Op

Safe-Op

Current State:

OP

Op

Clear Error

DLL Status

Port A:

No Carrier / Closed

Port B:

Carrier / Open

Port C:

No Carrier / Closed

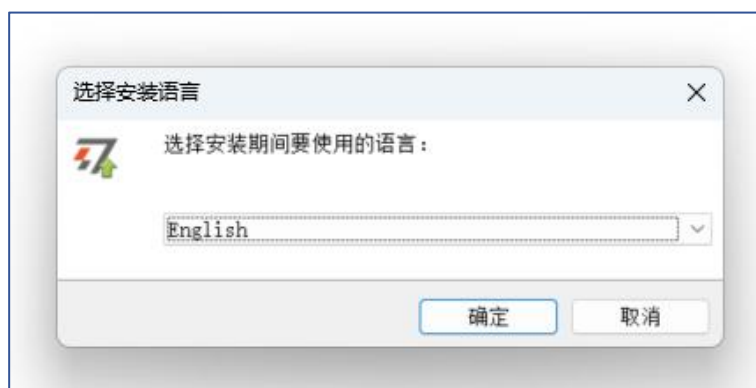
Port D:

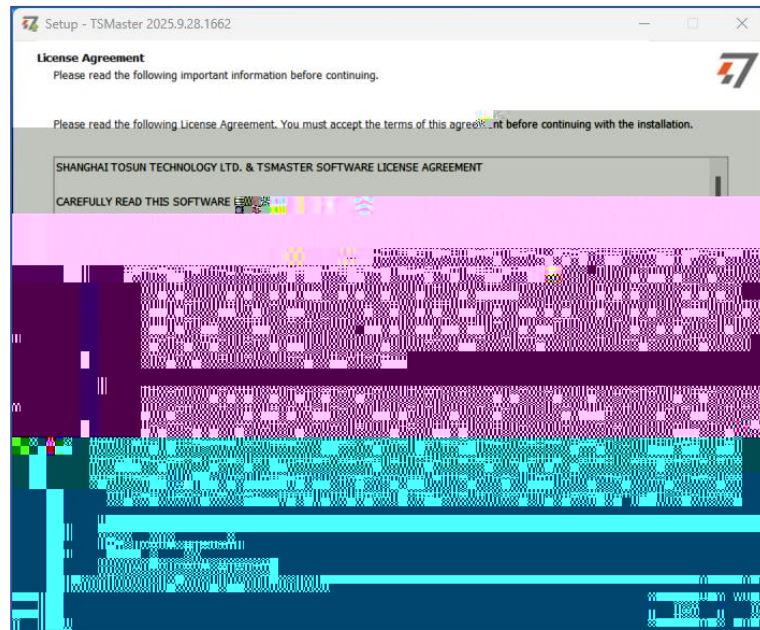
No Carrier / Closed

File Access over EtherCAT

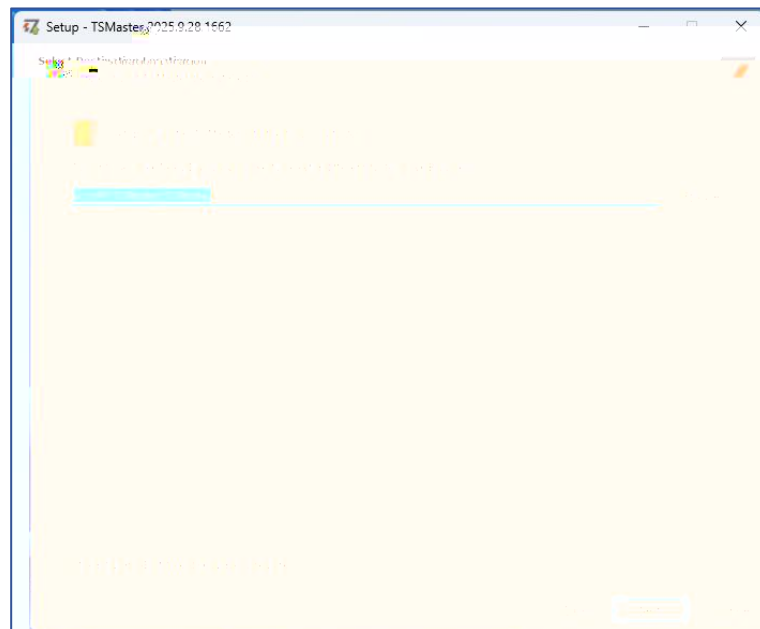
Download...

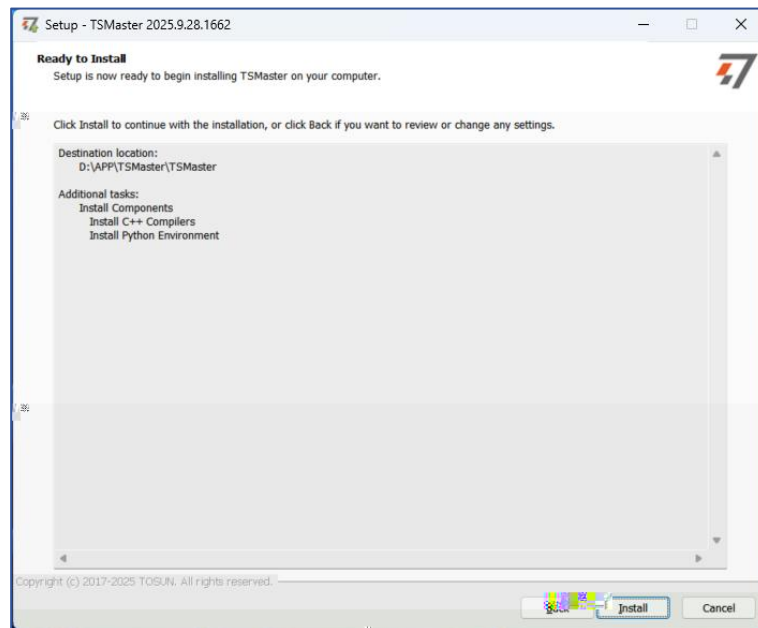
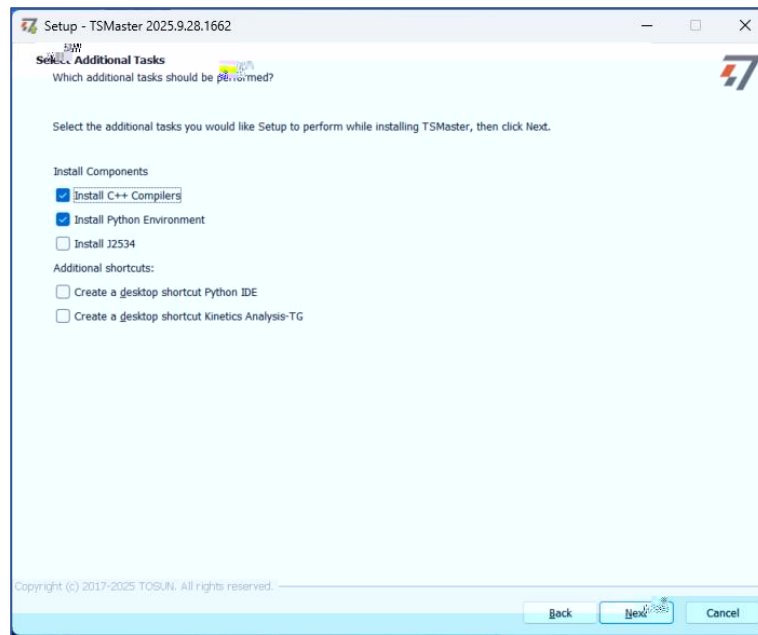
Upload...

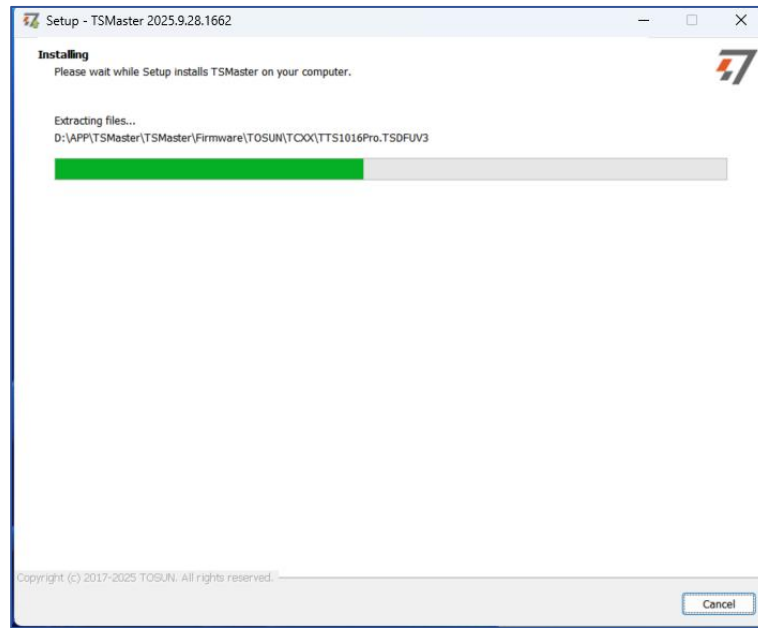




“



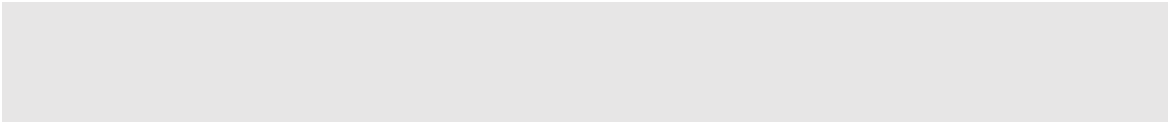












Software

support CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

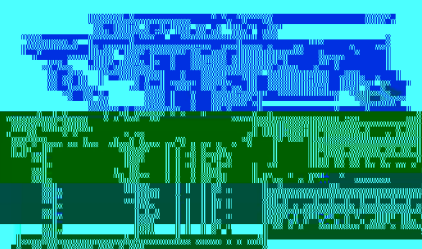
• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

simplified programming/real-time CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus



TOSOL TOSOL

Hardware

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

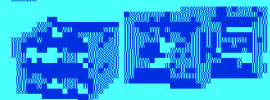
• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus



• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

TOSOL TOSOL

Solutions

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

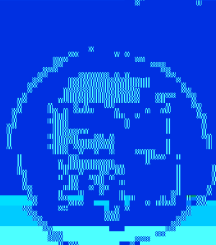
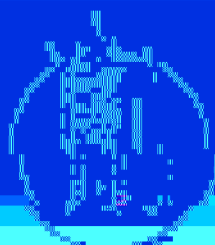
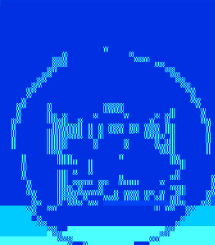
• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus

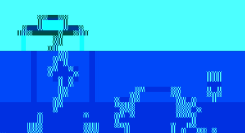
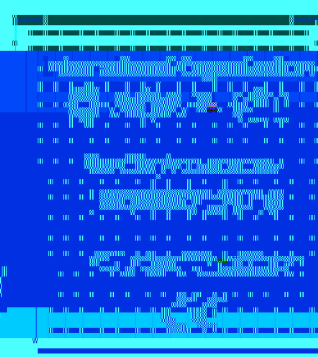
• CAN/RS485/4-20mA/Modbus/Profibus

• CAN/RS485/4-20mA/Modbus/Profibus



About TOSOL

TOSOL is a leading manufacturer of electronic control units and software solutions for industrial automation. Our products are used in a wide range of applications, from simple on/off control to complex process control. We have a long history of providing reliable and efficient solutions for our customers.



Address: 1234567890
Phone: 1234567890
Email: 1234567890

Website: 1234567890

