- C1043

User Manual

C

1. I

-
-

1.1.

➢ **D**

D

,

± ±

	× ×
	˚C ˚C

- **CA**

	D
	Ω

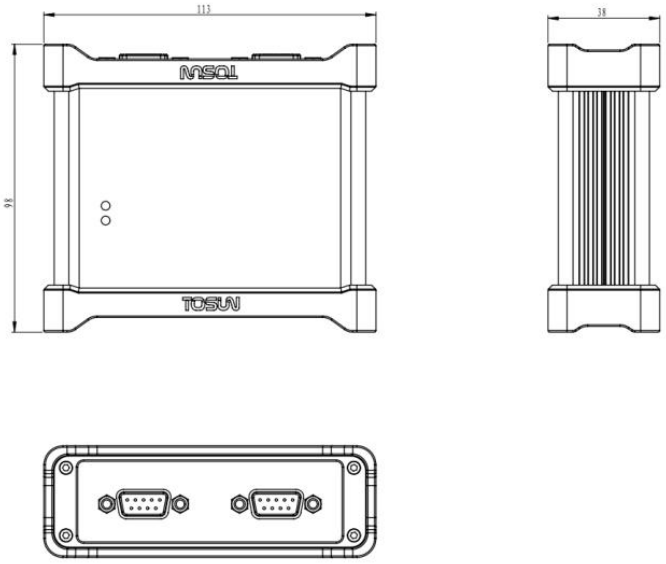
1. (

		—		—	

- **EMC**

I		C	L	
			±	
			±	
			±	

- **M D**



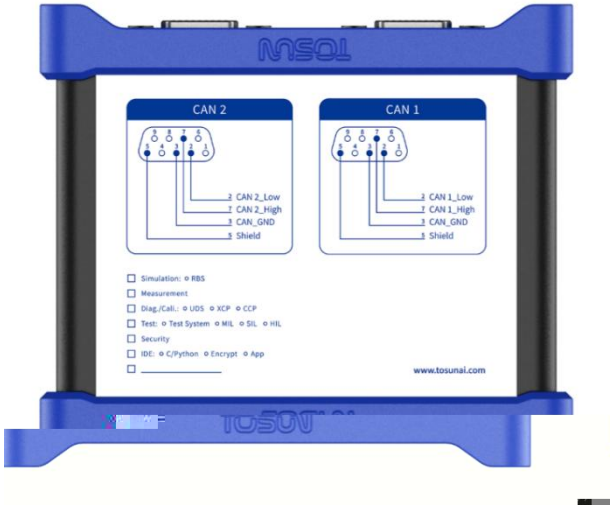
1.3. H I

➢ **C I**

-
-
-

➢ **B I**

1.4. LED I



- **LED D**

I	D

- **LED C D**

I	C	D
		—

—

1.5.

➢ C

■

■

➢ D I

■

➢ D

■

■

■

_____

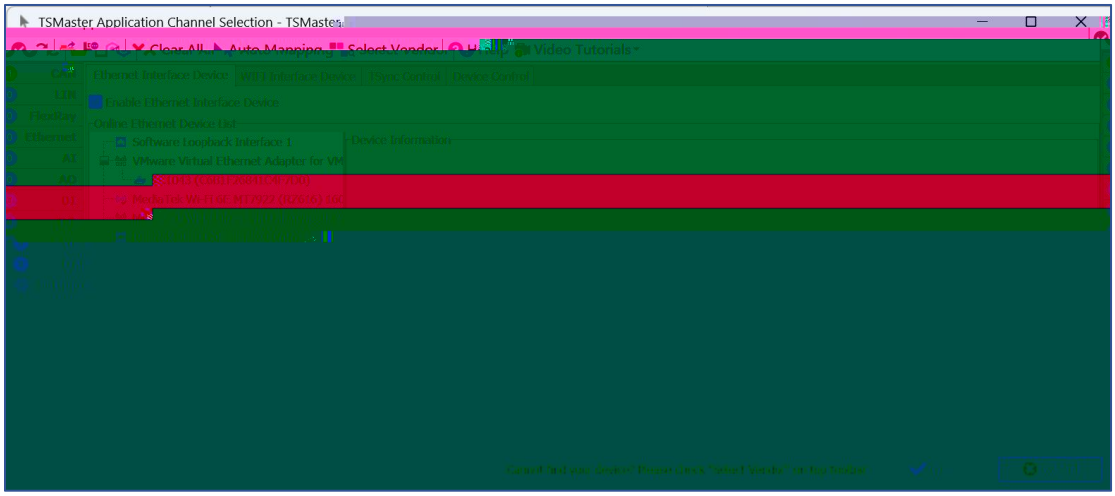
1.6. L

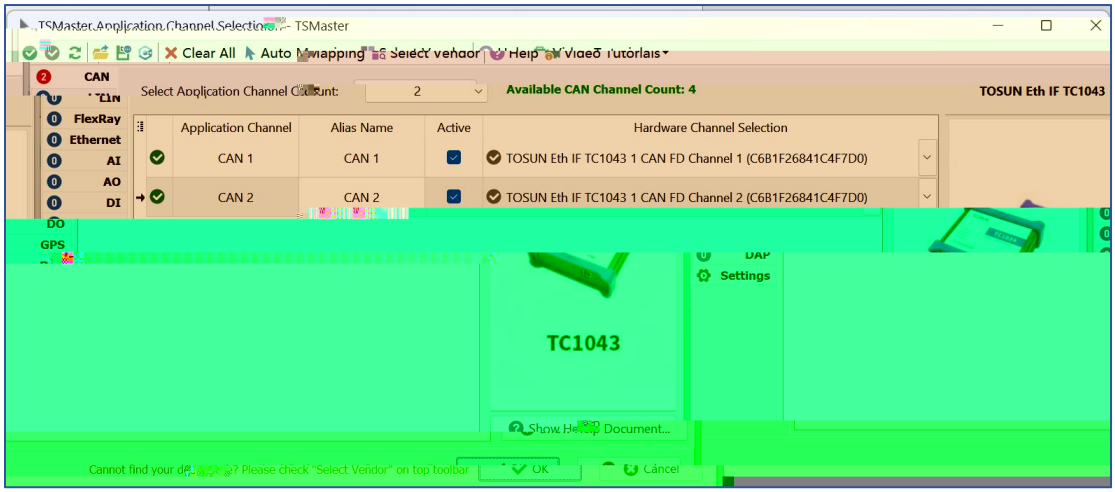
I	.	I	/
C1043 M D	1		
B C (-C -C)	1		
C 6 G E	1		
12 / 2 A (/ E / C)	1		

2. A E

2.1. C

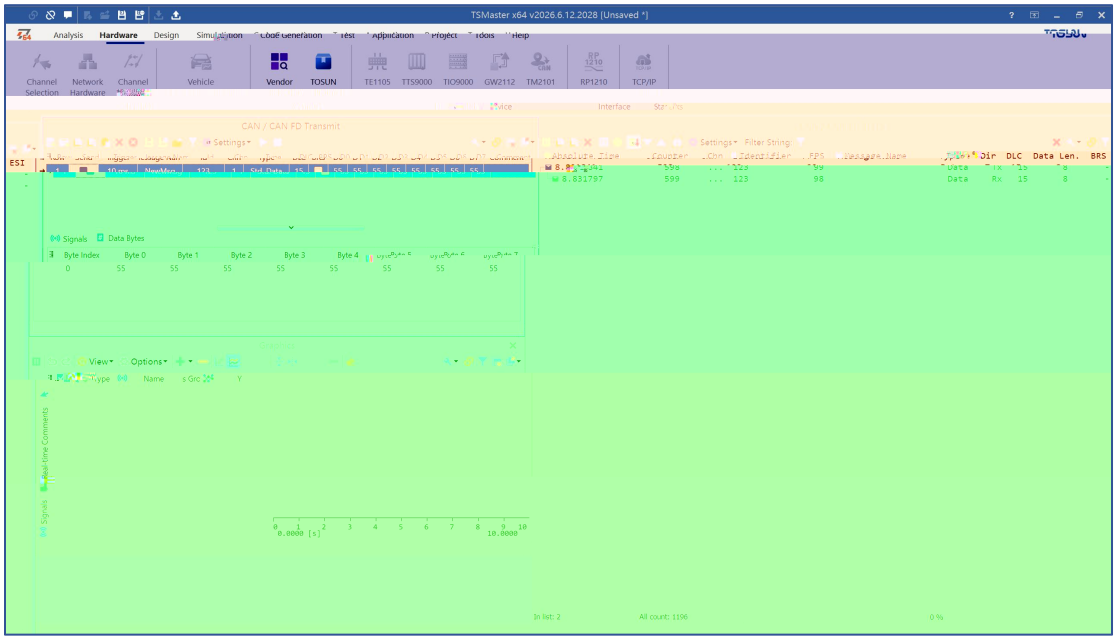
E


TSMaster Application Channel Selection - TSMaster
Clear All
Auto Mapping
Select Vendor
Help
Video Tutorials


TSMaster Application Channel Selection - TSMaster
Clear All
Auto Mapping
Select Vendor
Help
Video Tutorials
CAN
FlexRay
Ethernet
AI
AO
DI
DO
GPS
Select Application Channel Count:
2
Available CAN Channel Count: 4
TOSUN Eth IF TC1043
Application Channel
Alias Name
Active
Hardware Channel Selection
CAN 1
CAN 1
TOSUN Eth IF TC1043 1 CAN FD Channel 1 (C6B1F26841C4F7D0)
CAN 2
CAN 2
TOSUN Eth IF TC1043 1 CAN FD Channel 2 (C6B1F26841C4F7D0)
DAP
Settings
TC1043
Show Help Document...
Cannot find your device? Please check "Select Vendor" on top toolbar
OK
Cancel

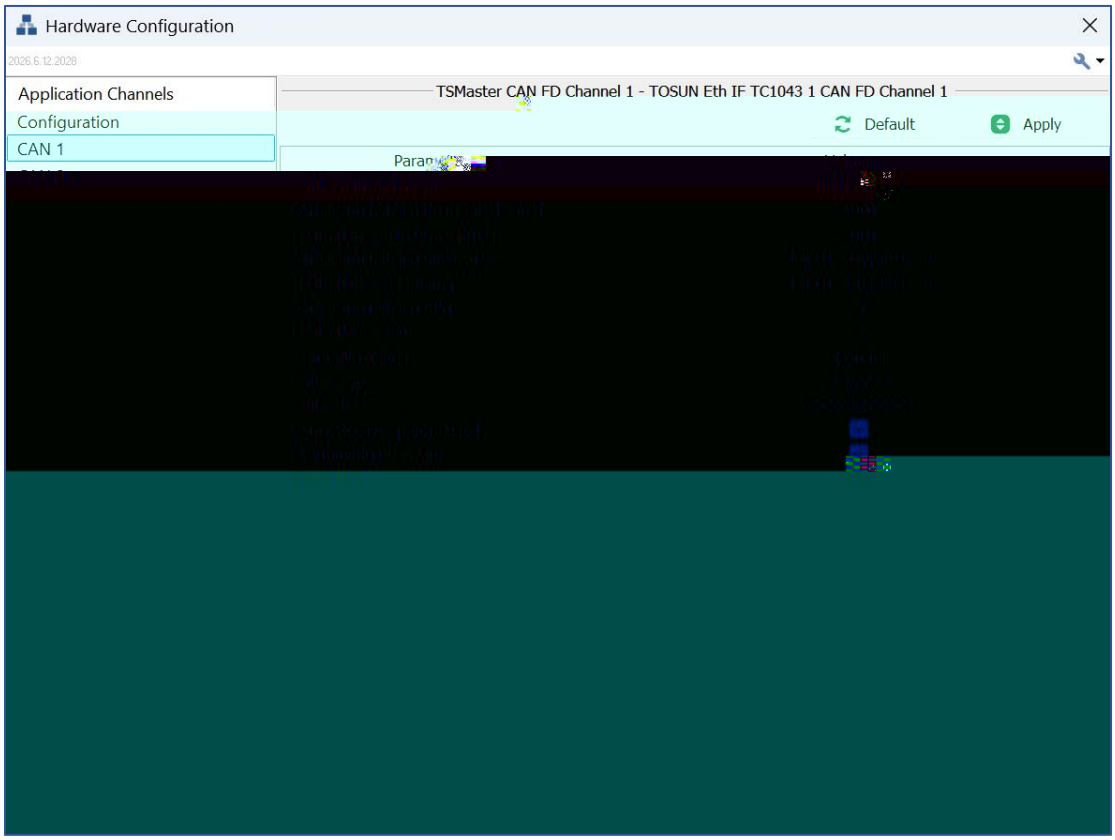
2.2.2. CA E

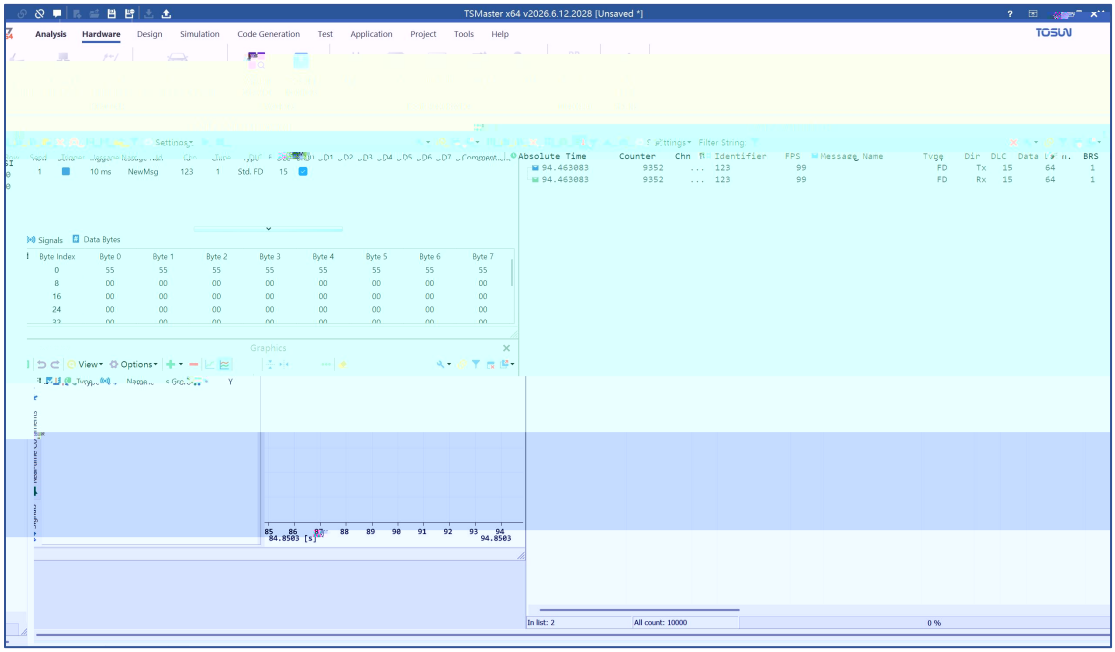
-
-
-


TSMaster x64 v2026.6.12.2028 [Unsaved *]
Analysis
Hardware
Design
Channel Selection
Network Hardware
Channel
Vehicle
Vendor
TOSUN
TE1105
TTS9000
TIO9000
GW2112
TM2101
RP1210
TCP/IP
CAN / CAN FD Transmit
Signals
Data Bytes
Byte Index
Byte 0
Byte 1
Byte 2
Byte 3
Byte 4
Real-time Comments
Signals

2.2.3. CA FD E

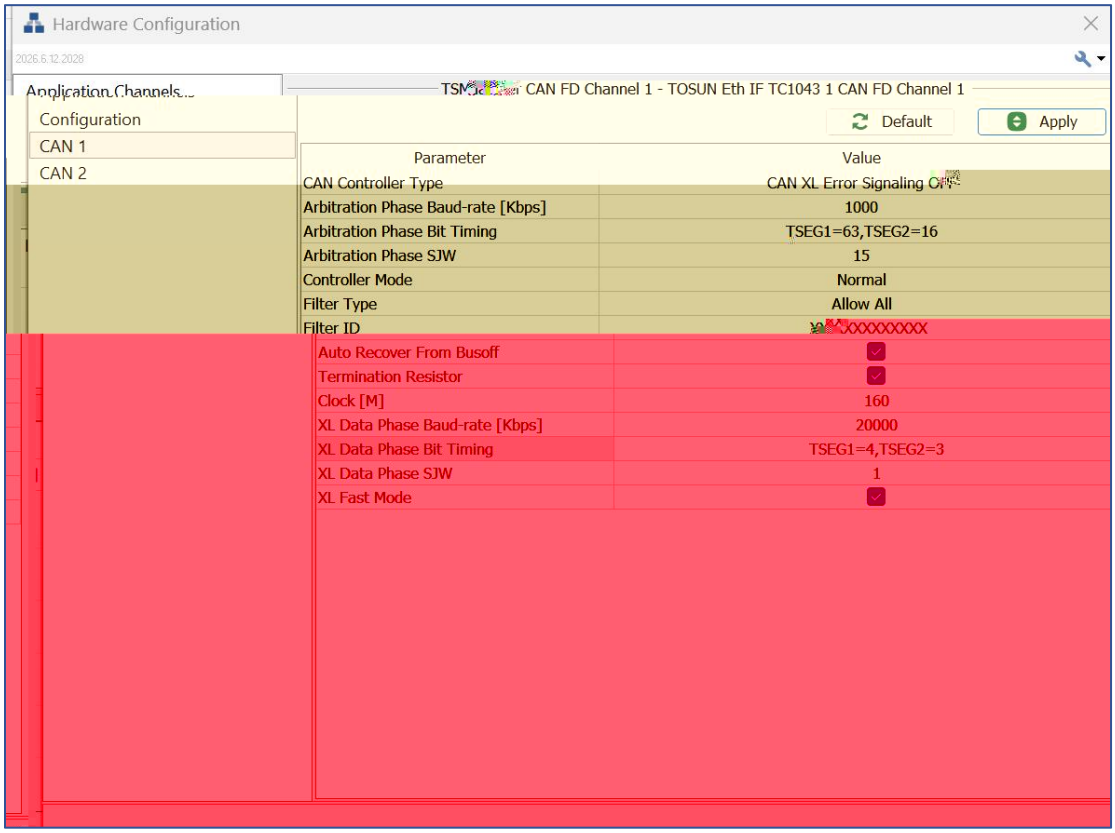
-
-
-
-
-

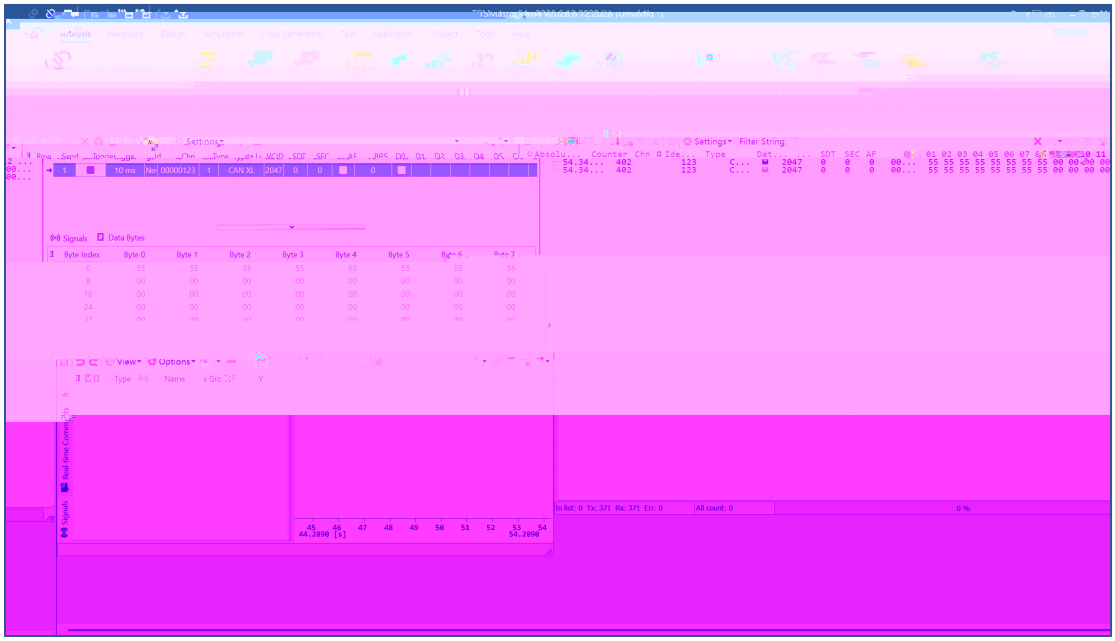

Hardware Configuration
2026.6.12.2028
Application Channels
Configuration
CAN 1
TSMaster CAN FD Channel 1 - TOSUN Eth IF TC1043 1 CAN FD Channel 1
Default
Apply


TSMaster x64 v2026.6.12.2028 [Unsaved *]
Analysis
Hardware
Design
Simulation
Code Generation
Test
Application
Project
Tools
Help
TOSUN
Absolute Time
Counter
Chn
Identifier
FPS
Message Name
Type
Dir
DLC
Data
BRS
Signals
Data Bytes
Graphics
View
Options

2.2.4. CA L E

-
-
-
-
-


Hardware Configuration
2026.6.12.2028
Application Channels...
TSM CAN FD Channel 1 - TOSUN Eth IF TC1043 1 CAN FD Channel 1
Configuration
CAN 1
CAN 2
Default
Apply
Parameter
Value
CAN Controller Type
CAN XL Error Signaling Of
Arbitration Phase Baud-rate [Kbps]
1000
Arbitration Phase Bit Timing
TSEG1=63,TSEG2=16
Arbitration Phase SJW
15
Controller Mode
Normal
Filter Type
Allow All
Filter ID
XXXXXXXXX
Auto Recover From Busoff
Termination Resistor
Clock [M]
160
XL Data Phase Baud-rate [Kbps]
20000
XL Data Phase Bit Timing
TSEG1=4,TSEG2=3
XL Data Phase SJW
1
XL Fast Mode

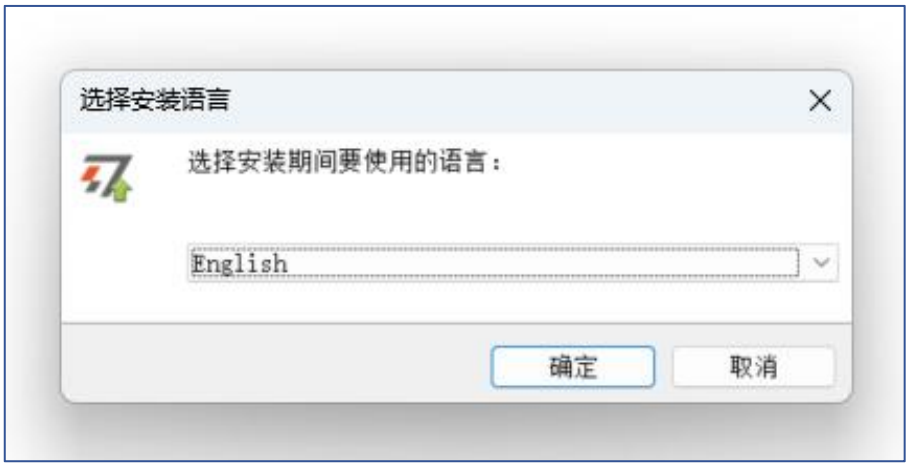


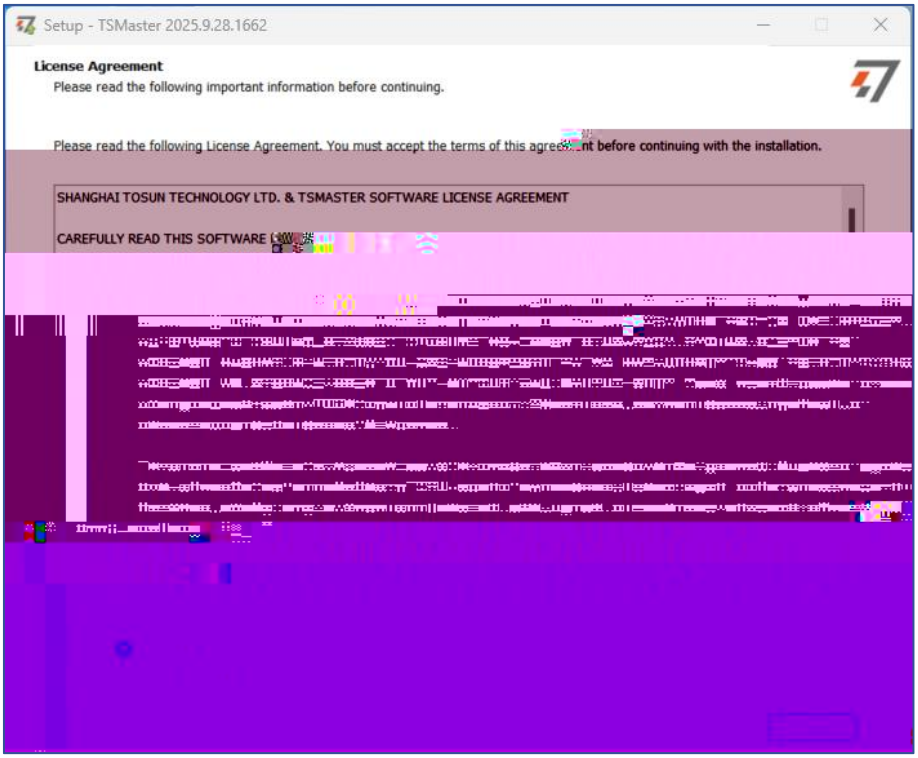
3. A

3.1. I

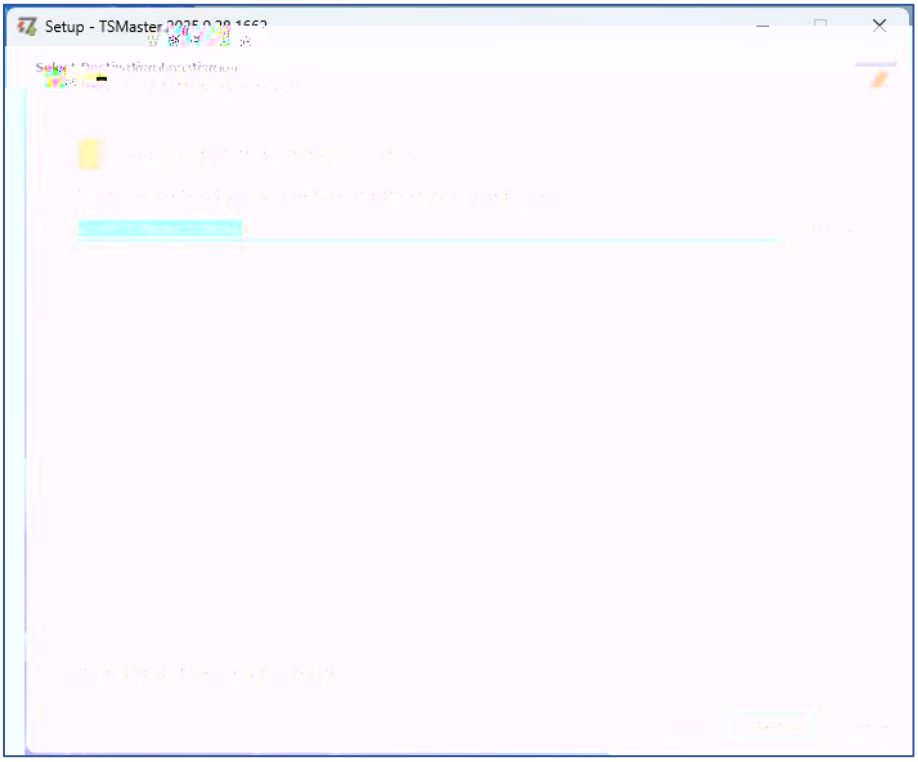
- M D

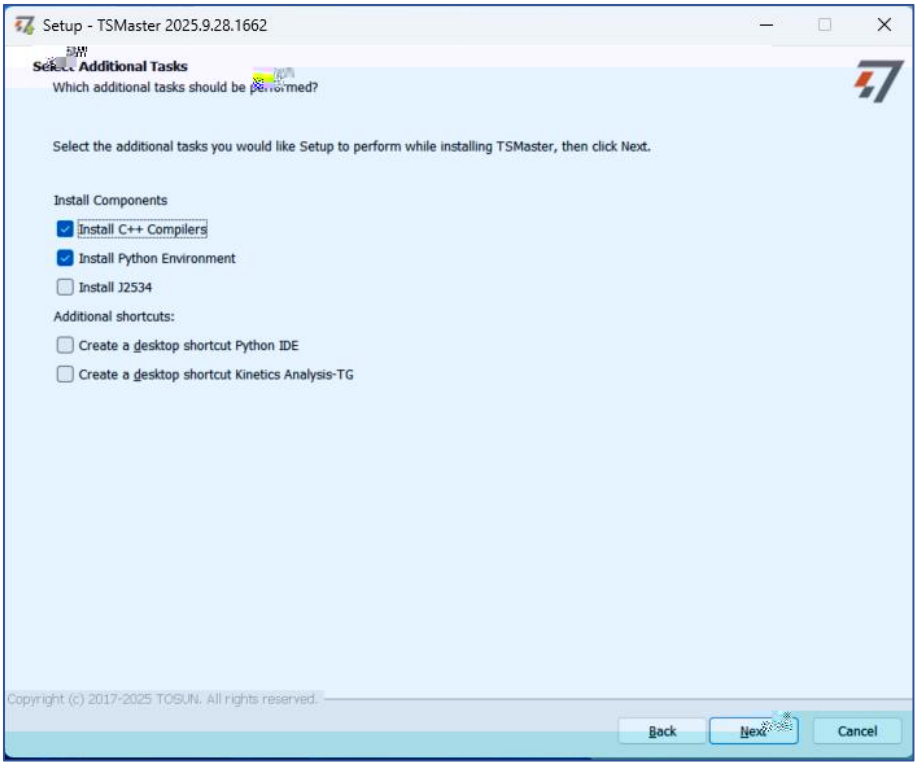
- I

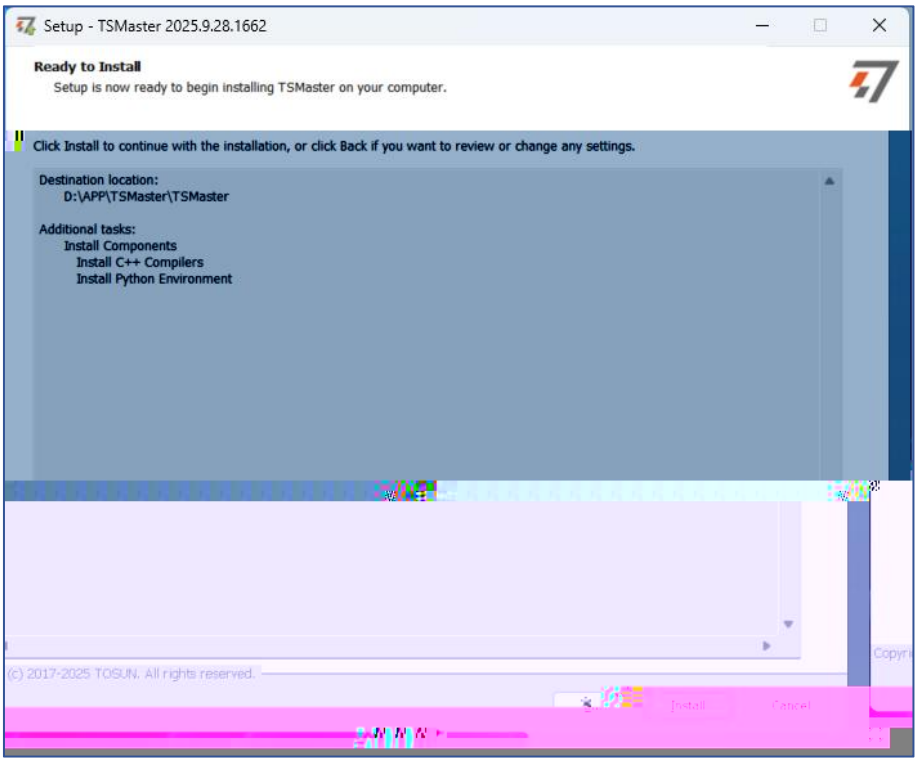

选择安装语言
选择安装期间要使用的语言：
English
确定
取消

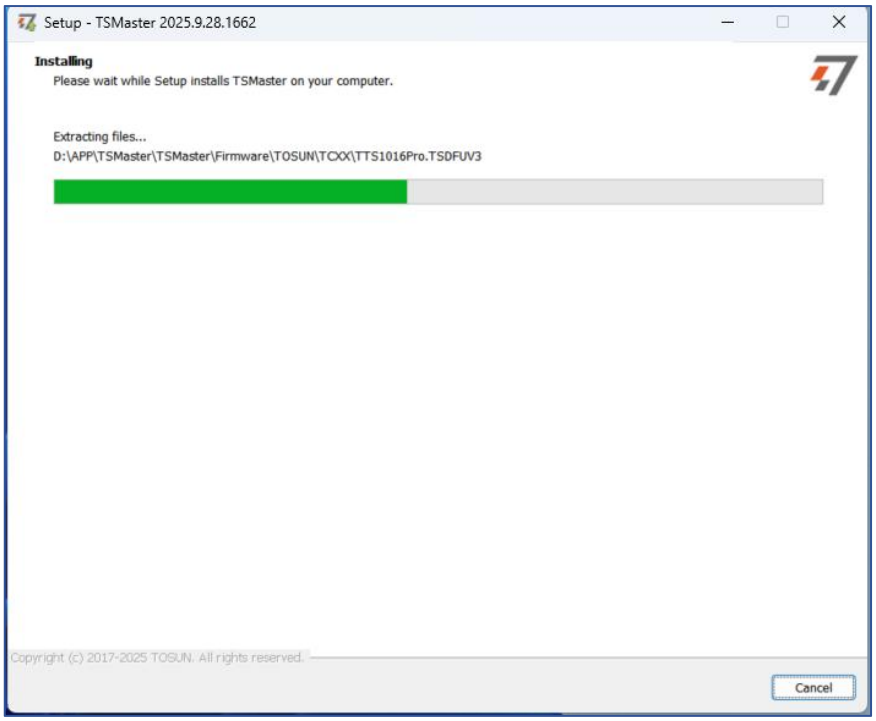

Setup - TSMaster 2025.9.28.1662
License Agreement
Please read the following important information before continuing.
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
SHANGHAI TOSUN TECHNOLOGY LTD. & TSMASTER SOFTWARE LICENSE AGREEMENT
CAREFULLY READ THIS SOFTWARE

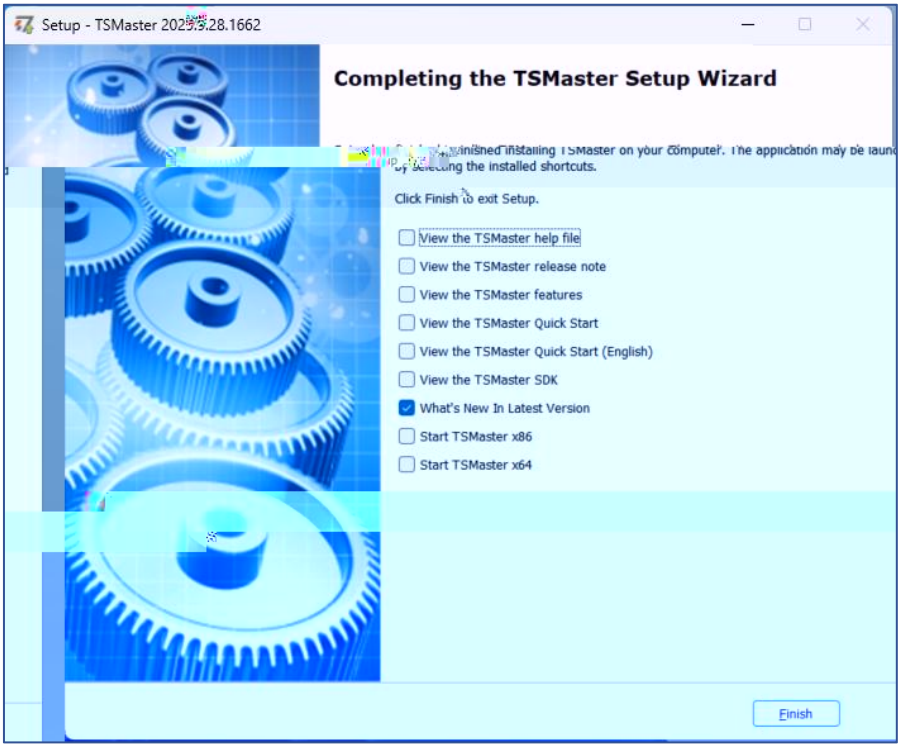
“


Setup - TSMaster


Setup - TSMaster 2025.9.28.1662
Select Additional Tasks
Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing TSMaster, then click Next.
Install Components
Install C++ Compilers
Install Python Environment
Install J2534
Additional shortcuts:
Create a desktop shortcut Python IDE
Create a desktop shortcut Kinetics Analysis-TG
Copyright (c) 2017-2025 TOSUN. All rights reserved.
Back
Next
Cancel


Setup - TSMaster 2025.9.28.1662
Ready to Install
Setup is now ready to begin installing TSMaster on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location:
D:\APP\TSMaster\TSMaster
Additional tasks:
Install Components
Install C++ Compilers
Install Python Environment
(c) 2017-2025 TOSUN. All rights reserved.
Install
Cancel


Setup - TSMaster 2025.9.28.1662
Installing
Please wait while Setup installs TSMaster on your computer.
Extracting files...
D:\APP\TSMaster\TSMaster\Firmware\TOSUN\TCXX\TTS1016Pro.TSDFUV3
Copyright (c) 2017-2025 TOSUN. All rights reserved.
Cancel


Setup - TSMaster 2025.3.28.1662
Completing the TSMaster Setup Wizard
Click Finish to exit Setup.
View the TSMaster help file
View the TSMaster release note
View the TSMaster features
View the TSMaster Quick Start
View the TSMaster Quick Start (English)
View the TSMaster SDK
What's New In Latest Version
Start TSMaster x86
Start TSMaster x64
Finish

4. I M

➢ E I

I	C C	/	A /M

➢ C & C

I	C C	/	A /M

- **M & EMI C**

I	**C C**	**/**	**A /M**

- **I & C**

I	**C C**	**/**	**A /M**

TOSUN

Engineer Everything!

Software

Support CAN(FD)/LIN/FlexRay/SOME/IP

Hardware

CAN FD/CAN/FlexRay/LIN communication boards

- Network Automation Testing System
- Charging Testing System
- EMB Calibration Testing Equipment
- Information Security Solutions
- Steer-by-Wire Chassis Testing Solutions
- Model Performance
- Durability Testing Solutions
- EOL

R&D, testing, production, and after-sales. It integrates essential functions with hardware support to streamline processes and ensure precision, making it ideal for automotive professionals.