How to compatible with

ZLG CANTest software

Instruction Version：V2.03

Version Update Date：2017.06.30

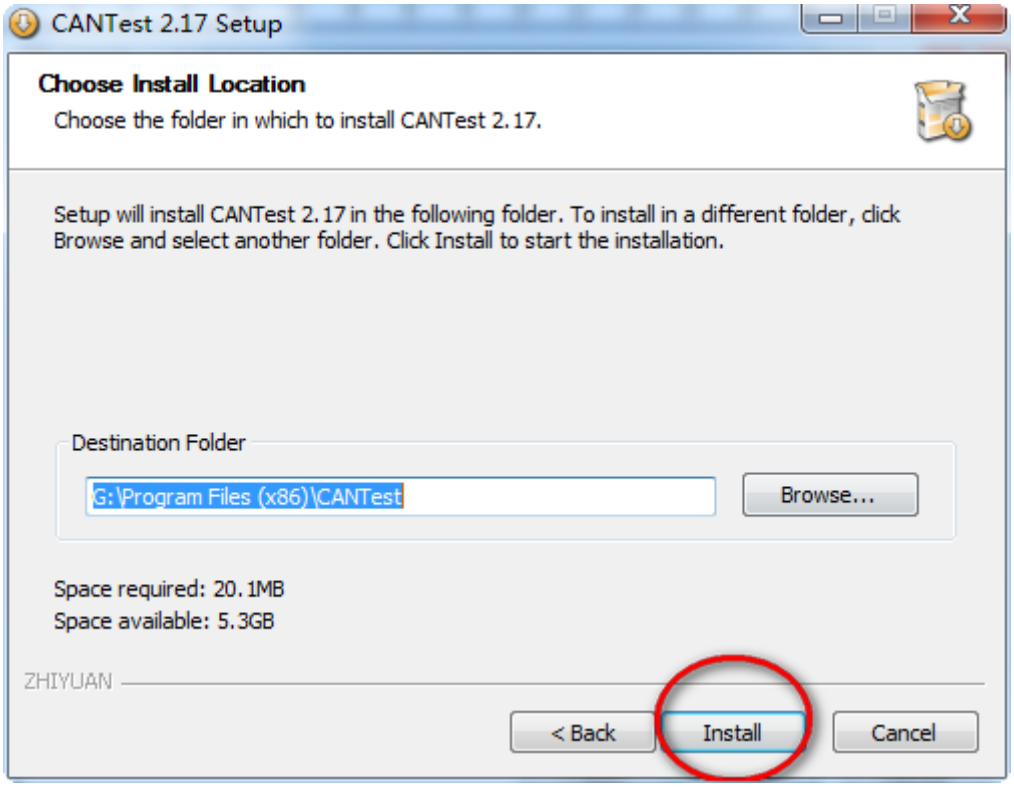
Firstly, thank you for your purchase and use our company's products, we will serve you best!

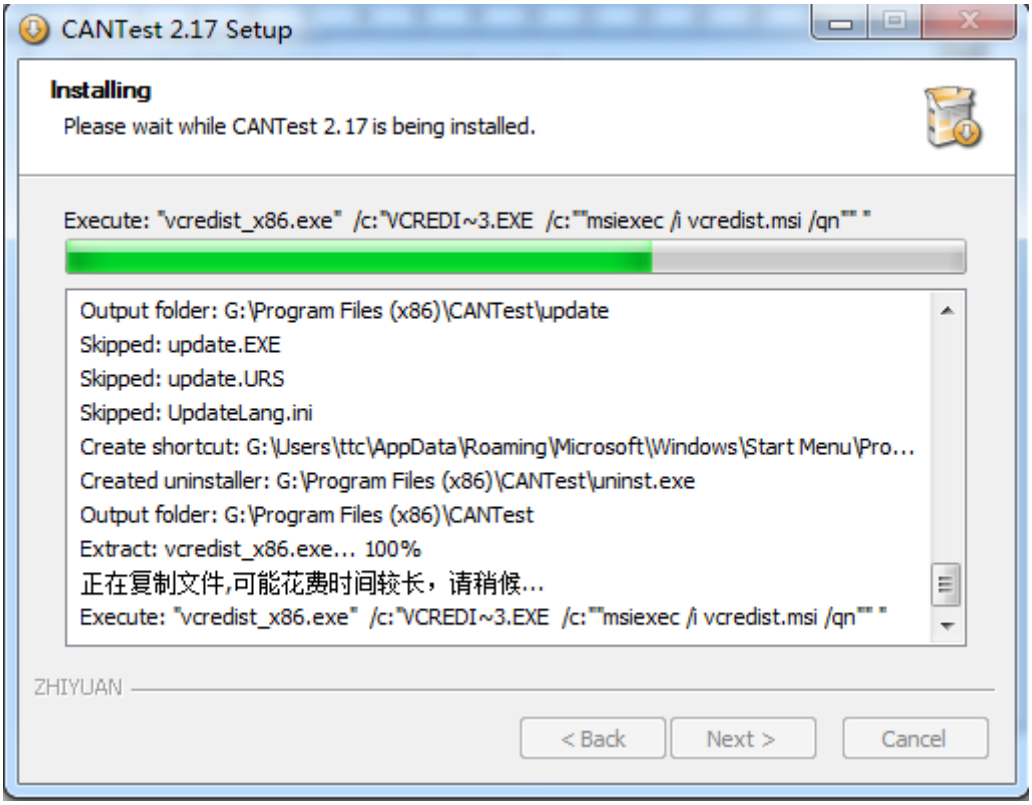
The purpose of this document is to guide our clients for the first time buying and using USB-CAN adapter\CANalyst-II analyzer to compatible with PC software of ZLG USB-CAN adapter, namely CANTest.

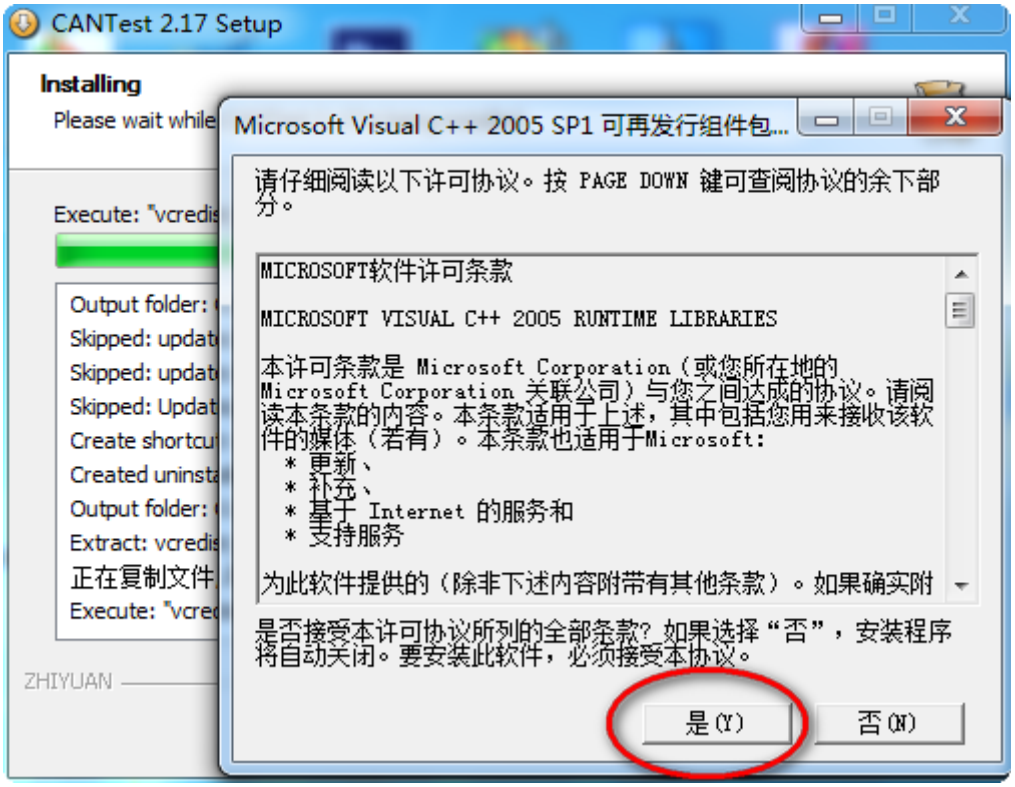
Part One How to Compatible with ZLG CANTest Software

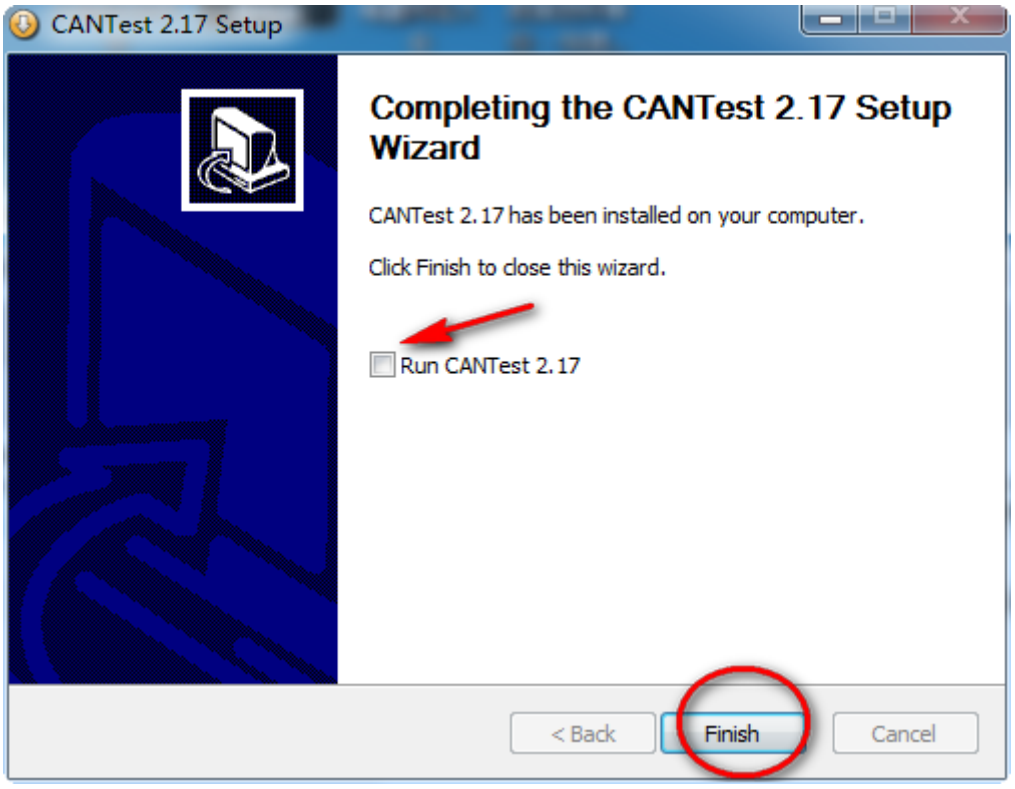
1、"CD\How to use English software\CANTest"

Run CANTest_Setup.exe to start the installation.

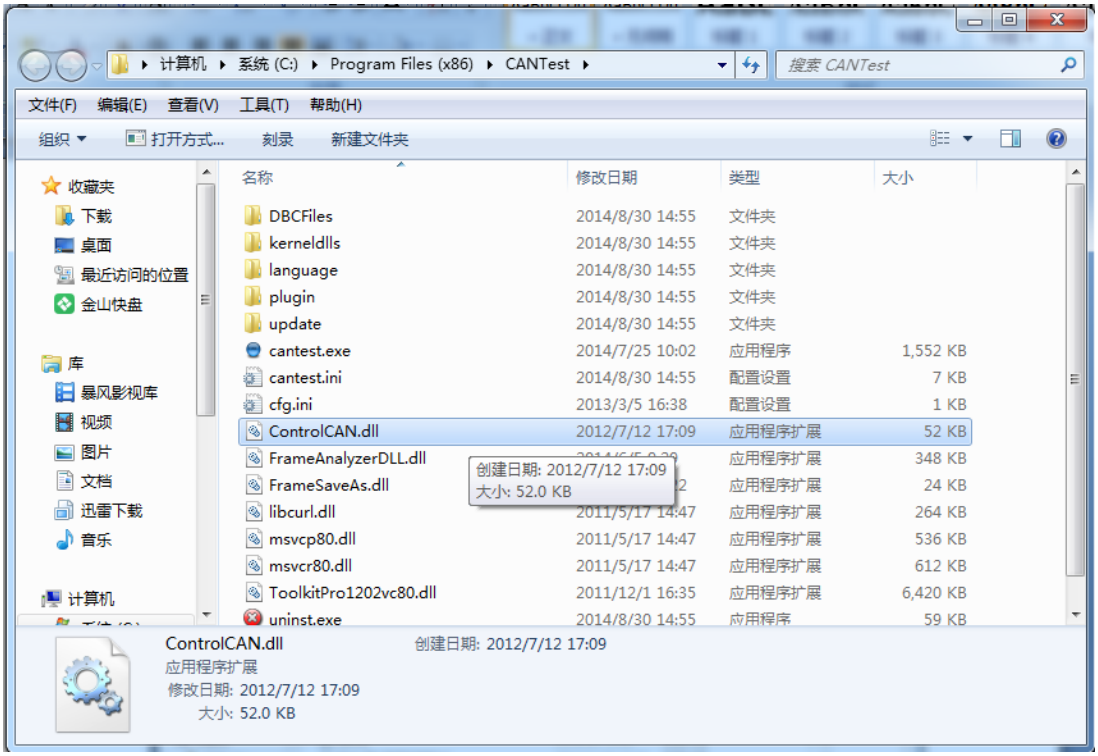

CANTest 2.17 Setup
Choose Install Location
Choose the folder in which to install CANTest 2.17.
Setup will install CANTest 2.17 in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
G:\Program Files (x86)\CANTest
Browse...
Space required: 20.1MB
Space available: 5.3GB
ZHIYUAN
< Back
Install
Cancel


CANTest 2.17 Setup
Installing
Please wait while CANTest 2.17 is being installed.
Execute: "vcredist_x86.exe" /c:"VCREDI~3.EXE /c:""msiexec /i vcredist.msi /qn"" "
Output folder: G:\Program Files (x86)\CANTest\update
Skipped: update.EXE
Skipped: update.URS
Skipped: UpdateLang.ini
Create shortcut: G:\Users\ttc\AppData\Roaming\Microsoft\Windows\Start Menu\Pro...
Created uninstaller: G:\Program Files (x86)\CANTest\uninst.exe
Output folder: G:\Program Files (x86)\CANTest
Extract: vcredist_x86.exe... 100%
正在复制文件,可能花费时间较长，请稍候...
Execute: "vcredist_x86.exe" /c:"VCREDI~3.EXE /c:""msiexec /i vcredist.msi /qn"" "
ZHIYUAN
< Back
Next >
Cancel


CANTest 2.17 Setup
Installing
Please wait while
Execute: "vcredis
Output folder:
Skipped: updat
Skipped: updat
Skipped: Updat
Create shortcu
Created uninst
Output folder:
Extract: vcredis
正在复制文件
Execute: "vcred
ZHIYUAN
Microsoft Visual C++ 2005 SP1 可再发行组件包...
请仔细阅读以下许可协议。按 PAGE DOWN 键可查阅协议的余下部分。
MICROSOFT软件许可条款
MICROSOFT VISUAL C++ 2005 RUNTIME LIBRARIES
本许可条款是 Microsoft Corporation（或您所在地的 Microsoft Corporation 关联公司）与您之间达成的协议。请阅读本条款的内容。本条款适用于上述，其中包括您用来接收该软件的媒体（若有）。本条款也适用于Microsoft:
* 更新、
* 补充、
* 基于 Internet 的服务和
* 支持服务
为此软件提供的（除非下述内容附带有其他条款）。如果确实附
是否接受本许可协议所列的全部条款？如果选择“否”，安装程序将自动关闭。要安装此软件，必须接受本协议。
是(Y)
否(N)

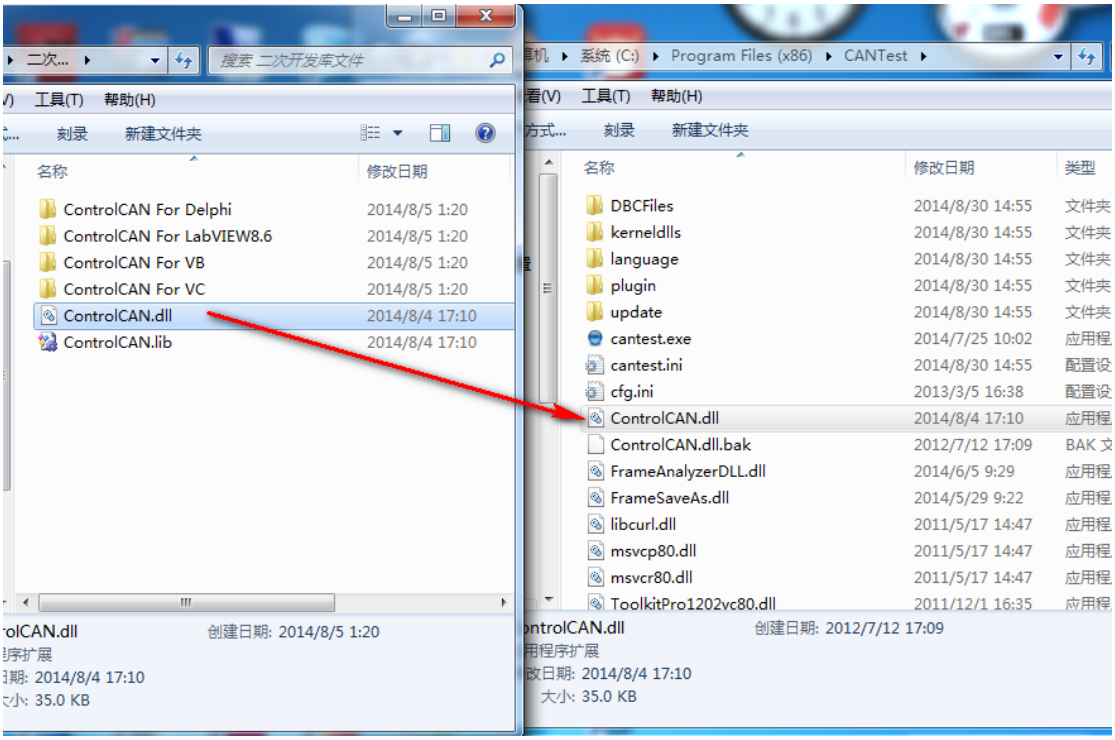

CANTest 2.17 Setup
Completing the CANTest 2.17 Setup Wizard
CANTest 2.17 has been installed on your computer.
Click Finish to close this wizard.
Run CANTest 2.17
< Back
Finish
Cancel

2、change the name of the file in CANTest installation directory from "ControlCAN.dll" to "ControlCAN.dll.bak", as a backup.



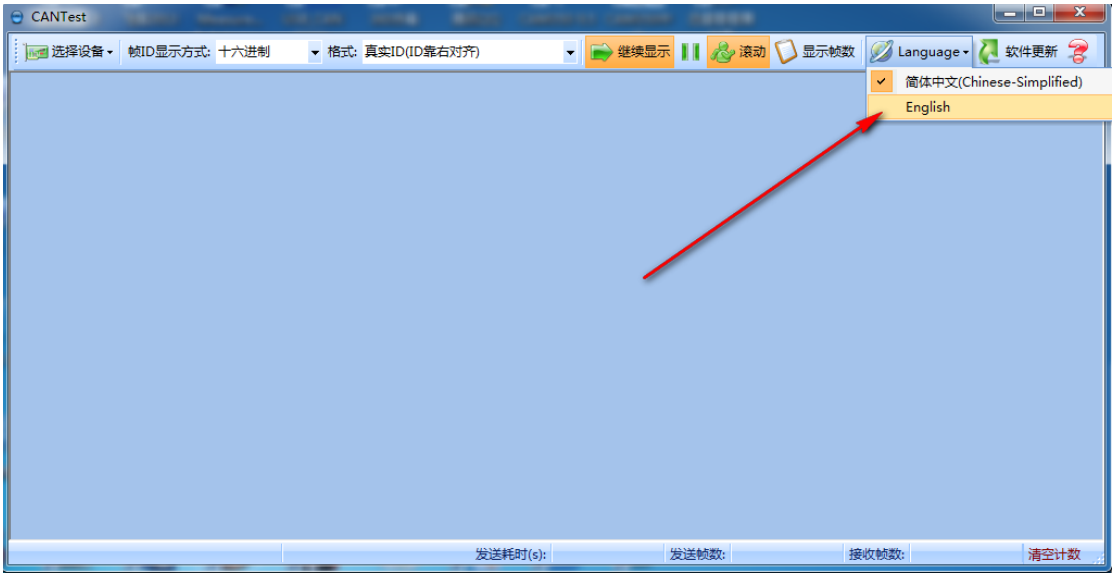
Dll file information of zlg

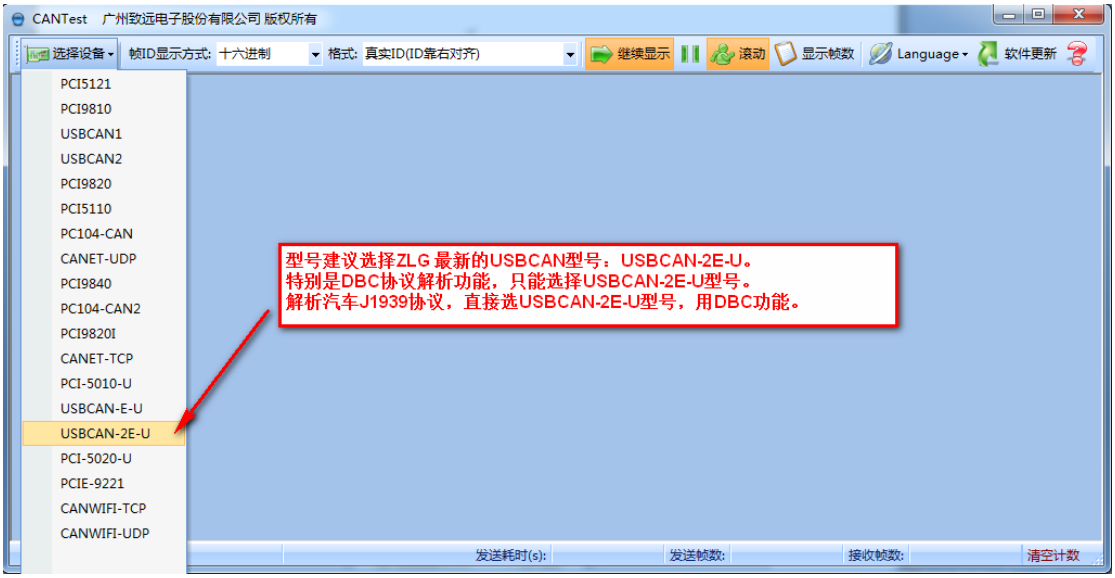
3、copy "ControlCAN.dll" file which you can find it in the [secondary development library] file folder in The CD-ROM directory provided by our company, to CANTest installation directory.

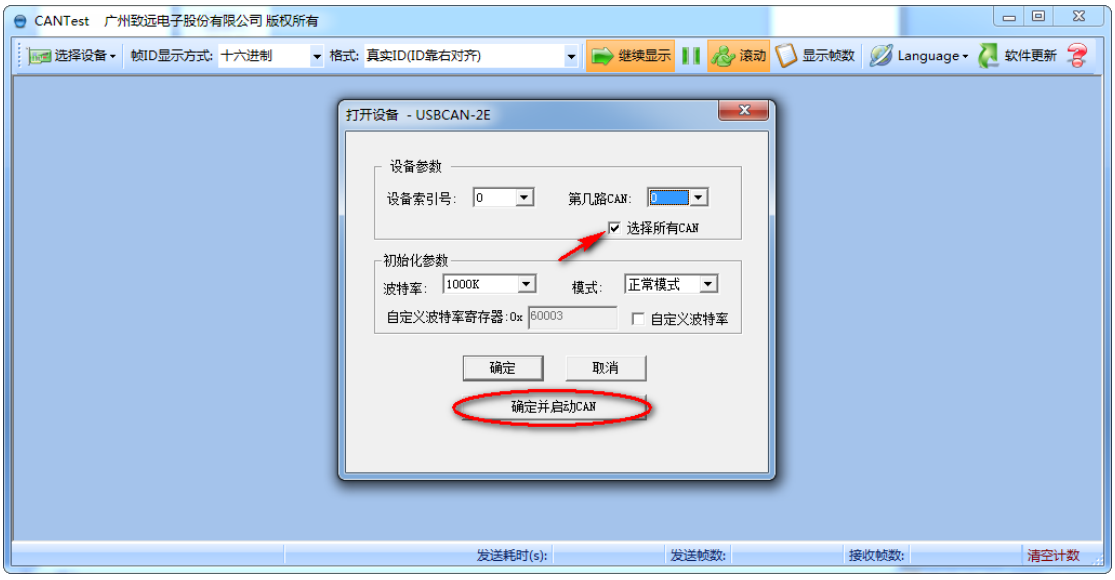


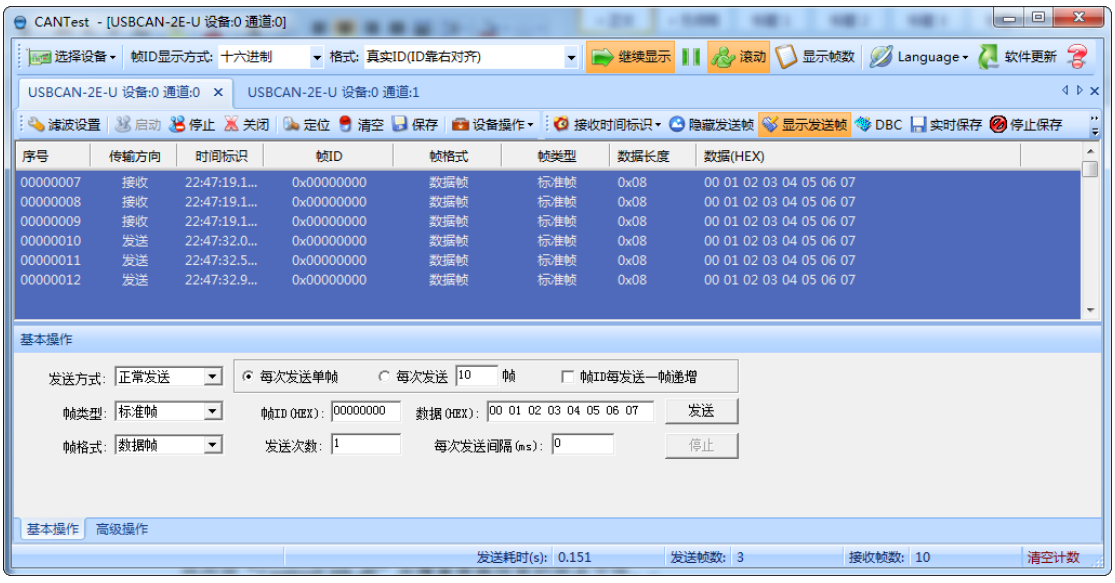
At this point, you have completed the software installation process.

4、Open and run CANTest.exe, after the correct installation of USB-CAN adapter\CANalyst-II analyzer driver of our company, operation can be performed by CANTest software.




CANTest 广州致远电子股份有限公司 版权所有
选择设备
帧ID显示方式: 十六进制
格式: 真实ID(ID靠右对齐)
继续显示
滚动
显示帧数
Language
软件更新
PCI5121
PCI9810
USBCAN1
USBCAN2
PCI9820
PCI5110
PC104-CAN
CANET-UDP
PCI9840
PC104-CAN2
PCI9820I
CANET-TCP
PCI-5010-U
USBCAN-E-U
USBCAN-2E-U
PCI-5020-U
PCIE-9221
CANWIFI-TCP
CANWIFI-UDP
型号建议选择ZLG 最新的USBCAN型号：USBCAN-2E-U。
特别是DBC协议解析功能，只能选择USBCAN-2E-U型号。
解析汽车J1939协议，直接选USBCAN-2E-U型号，用DBC功能。
发送耗时(s):
发送帧数:
接收帧数:
清空计数


CANTest 广州致远电子股份有限公司 版权所有
打开设备 - USBCAN-2E
设备参数
设备索引号: 0
第几路CAN: 0
选择所有CAN
初始化参数
波特率: 1000K
模式: 正常模式
自定义波特率寄存器:0x 60003
自定义波特率
确定
取消
确定并启动CAN
发送耗时(s):
发送帧数:
接收帧数:
清空计数


CANTest - [USBCAN-2E-U 设备:0 通道:0]
USBCAN-2E-U 设备:0 通道:0
USBCAN-2E-U 设备:0 通道:1
序号
传输方向
时间标识
帧ID
帧格式
帧类型
数据长度
数据(HEX)
00000007 接收 22:47:19.1... 0x00000000 数据帧 标准帧 0x08 00 01 02 03 04 05 06 07
00000008 接收 22:47:19.1... 0x00000000 数据帧 标准帧 0x08 00 01 02 03 04 05 06 07
00000009 接收 22:47:19.1... 0x00000000 数据帧 标准帧 0x08 00 01 02 03 04 05 06 07
00000010 发送 22:47:32.0... 0x00000000 数据帧 标准帧 0x08 00 01 02 03 04 05 06 07
00000011 发送 22:47:32.5... 0x00000000 数据帧 标准帧 0x08 00 01 02 03 04 05 06 07
00000012 发送 22:47:32.9... 0x00000000 数据帧 标准帧 0x08 00 01 02 03 04 05 06 07
基本操作
发送方式: 正常发送
每次发送单帧
每次发送 10 帧
帧ID每发送一帧递增
帧类型: 标准帧
帧ID(HEX): 00000000
数据(HEX): 00 01 02 03 04 05 06 07
发送
帧格式: 数据帧
发送次数: 1
每次发送间隔(ms): 0
停止
基本操作
高级操作
发送耗时(s): 0.151
发送帧数: 3
接收帧数: 10
清空计数

5、If you need back to use ZLG USB-CAN adapter\ CANalyst-II analyzer, you can change the backup file "ControlCAN.dll.bak" to "ControlCAN.dll" and cover to replace the existing file with the same name.

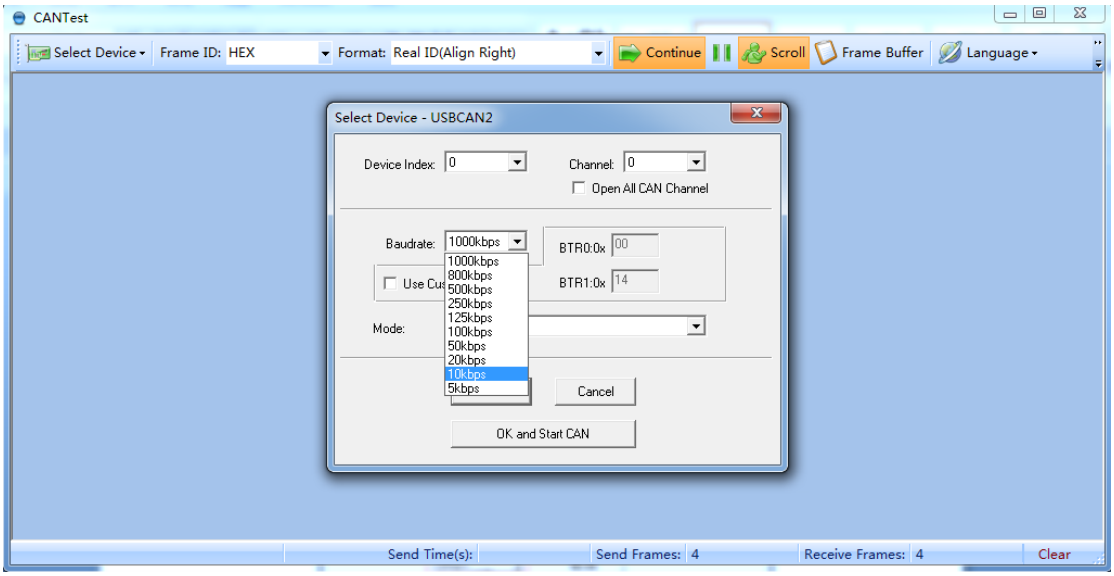
Part Two Functions Not Compatible With ZLG CANTest Software Temporary

As different CAN controllers are used (buy the way, our company use high performance 32 bit microprocessor, focus on product performance and speed, Use our USB-CAN TOOL software can play the best performance of the equipment), when you use ZLG CANTest software to operate our USB-CAN adapter\ CANalyst-II analyzer, there may be a few functions which can hardly be used cannot compatible with ZLG CANTest software temporary, but will not affect the use of normal functions. In order to solve the problem above, our company is working on it very hard; we believe it will become fully compatible through remote upgrade library file in the near future. You can use it if you are accustomed to ZLG CANTest software. When use ZLG CANTest software to operate our USB-CAN adapter\ CANalyst-II analyzer, Compatible part includes: Baud rate setting, Filter settings (partially compatible), Standard Frame \Extern Frame \ Remote Frame \ Data Frame transmission and reception and so on.

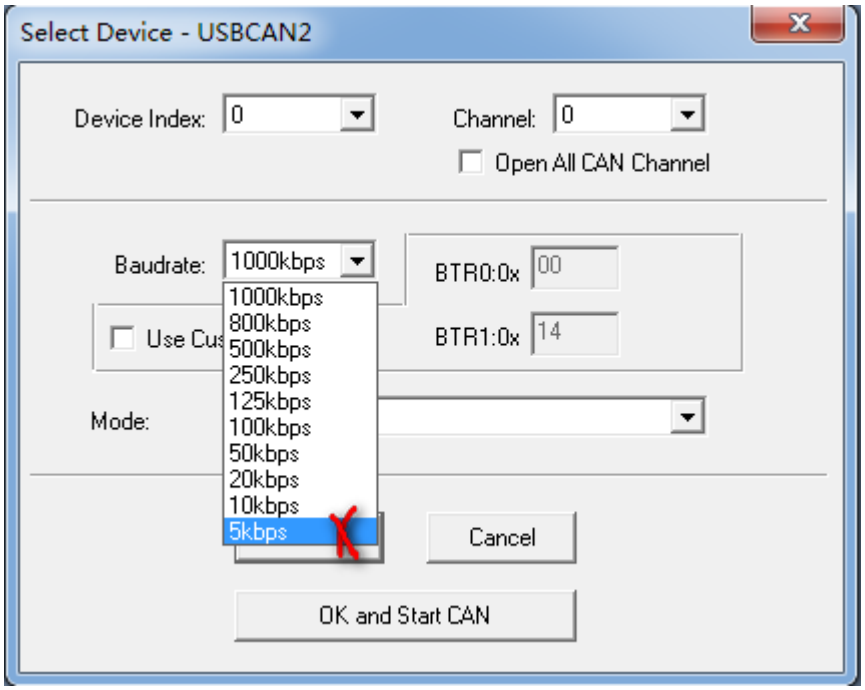
Those temporary incompatible functions include:

1、when start the software, "Select Device" dialog box, select the baud rate (The baud rate under 10kbps does not support)

when start up ZLG CANTest software, "Select Device" dialog box filled in initial parameters will pop up ,which has a drop-down list of baud rate, including 10 kinds of common baud rate ranging from 5kbps to 1000kbps and others, As shown in the figure below:



Our USB-CAN adapter\ CANalyst-II analyzer does not support the baud rate under 10kbps, so the list 5kbps baud rate parameter is invalid:



Note: if you carry on secondary development based on our USB-CAN adapter\ CANalyst-II analyzer, for the use of the interface function as well as the compatibility of ZLG function library, please refer to < Bus Interface Adapter Interface Function Library User Instruction.pdf >