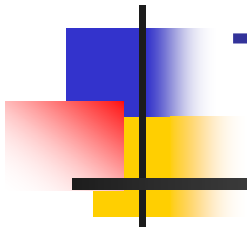
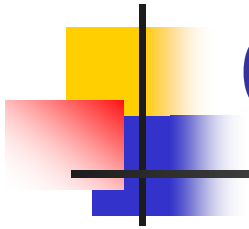


TR transmitter

Transmitter transfer curve modify Procedure

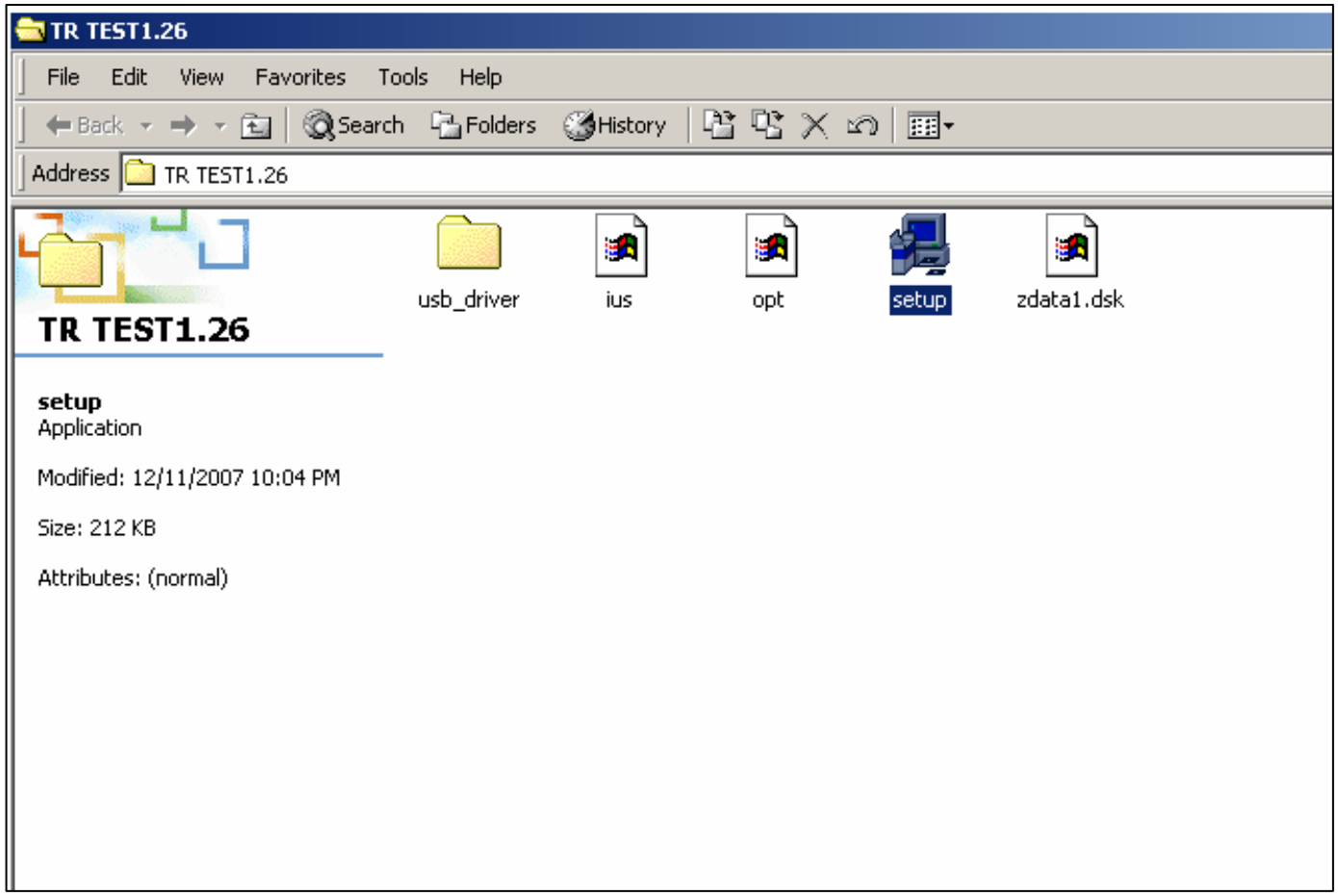


Outline

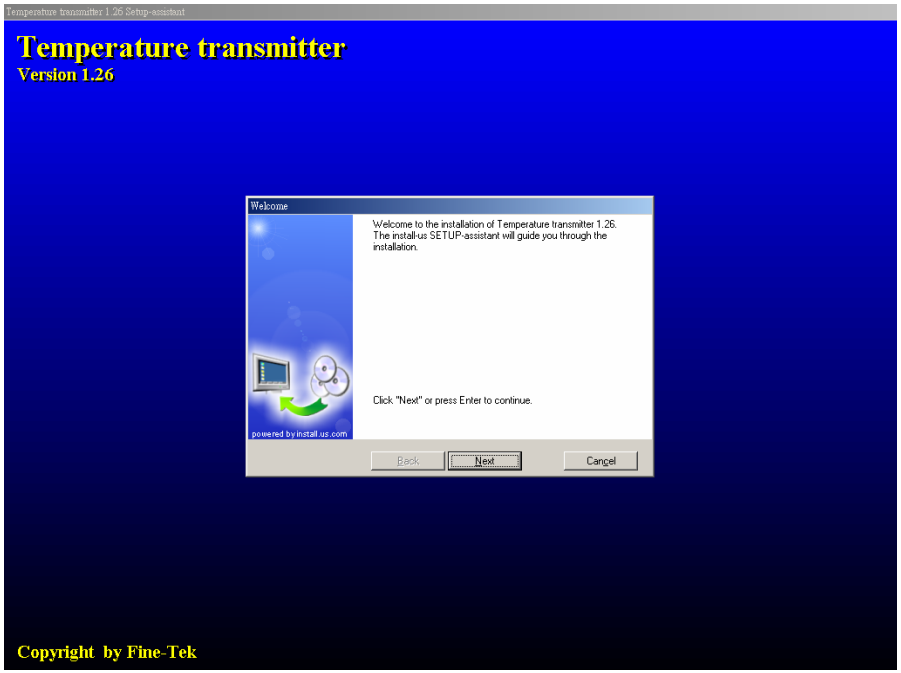
- Software Installation Temperature transmitter 1.26
- USB⇔RS-485 device
  - Driver installation
- Wiring
- Using Software

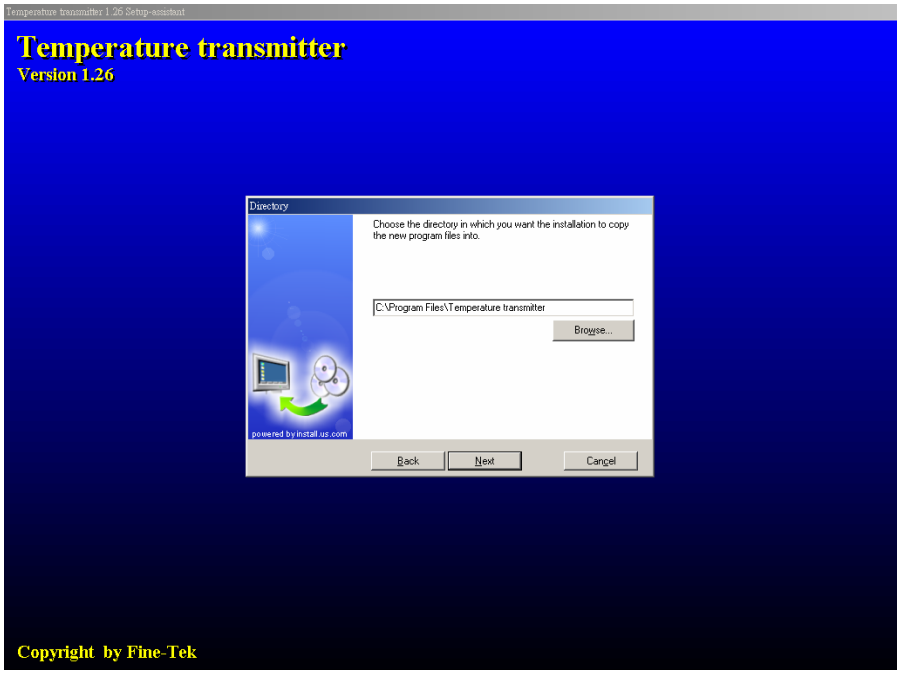
Software Installation

Temperature transmitter 1.26



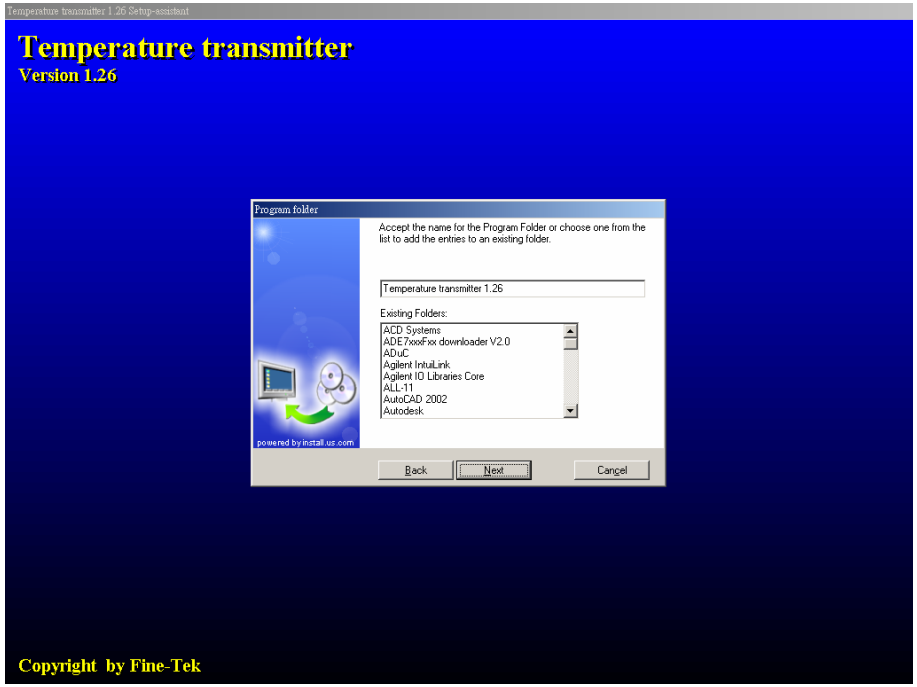
Software Installation

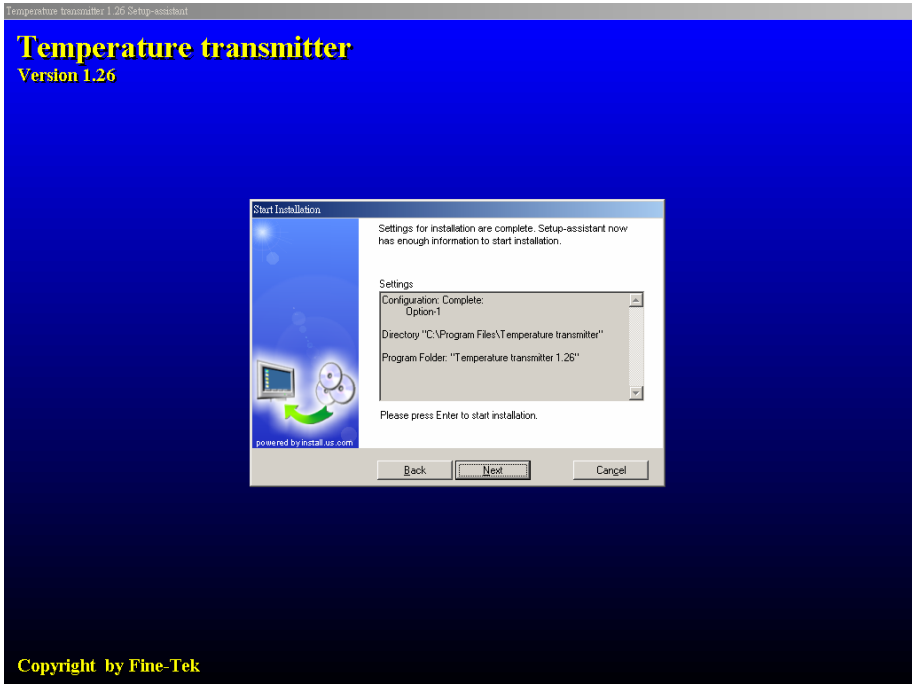




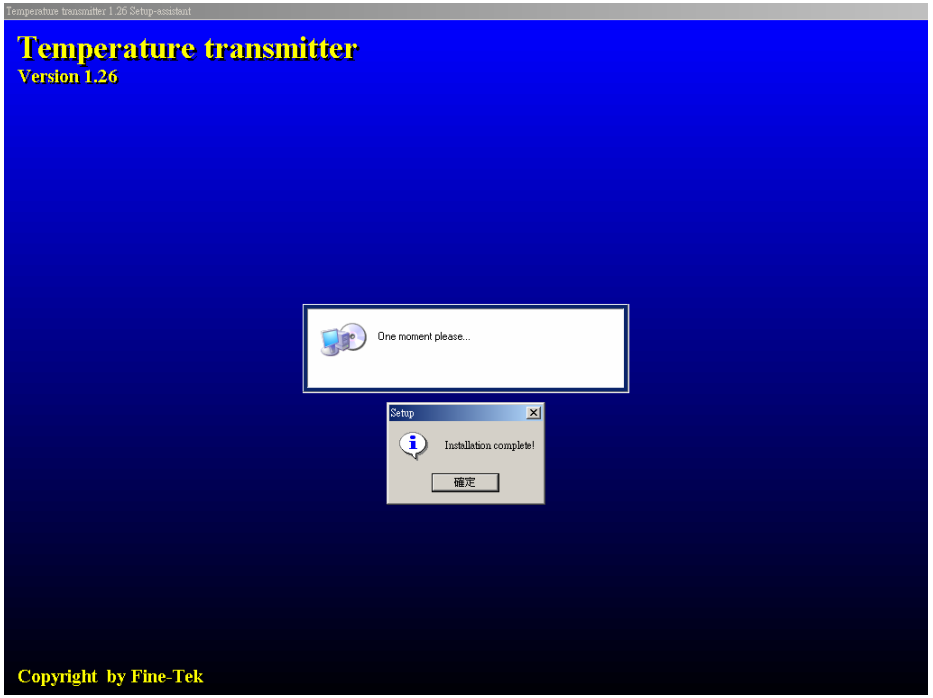
Click next button to continue install

Software Installation



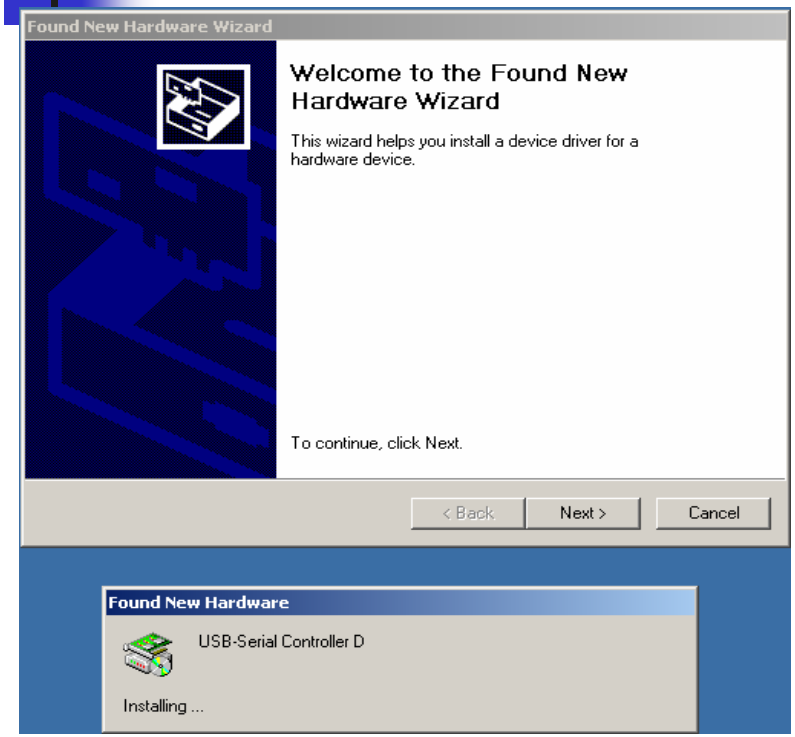


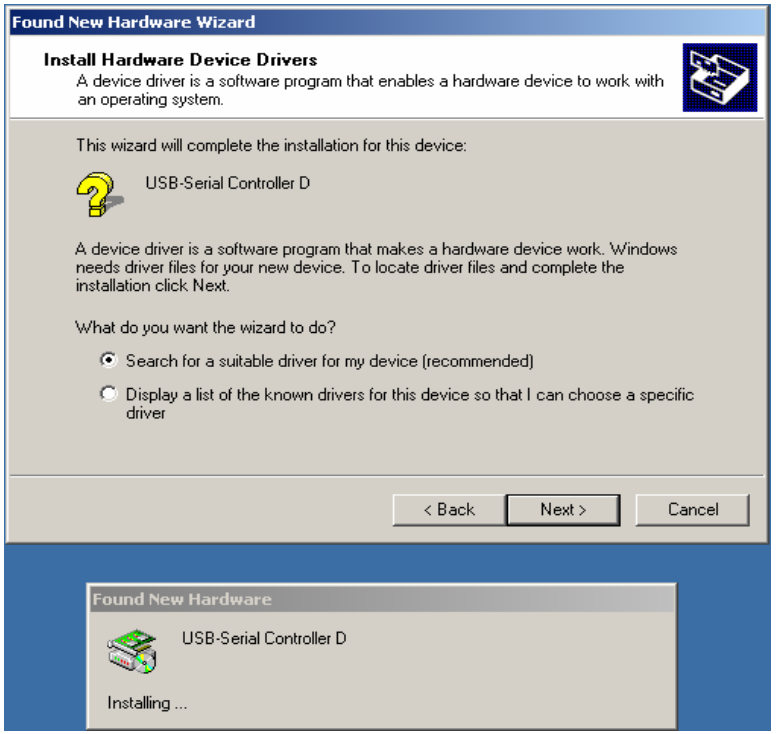
Software Installation



Software install complete.

USB⇔RS-485 device installation

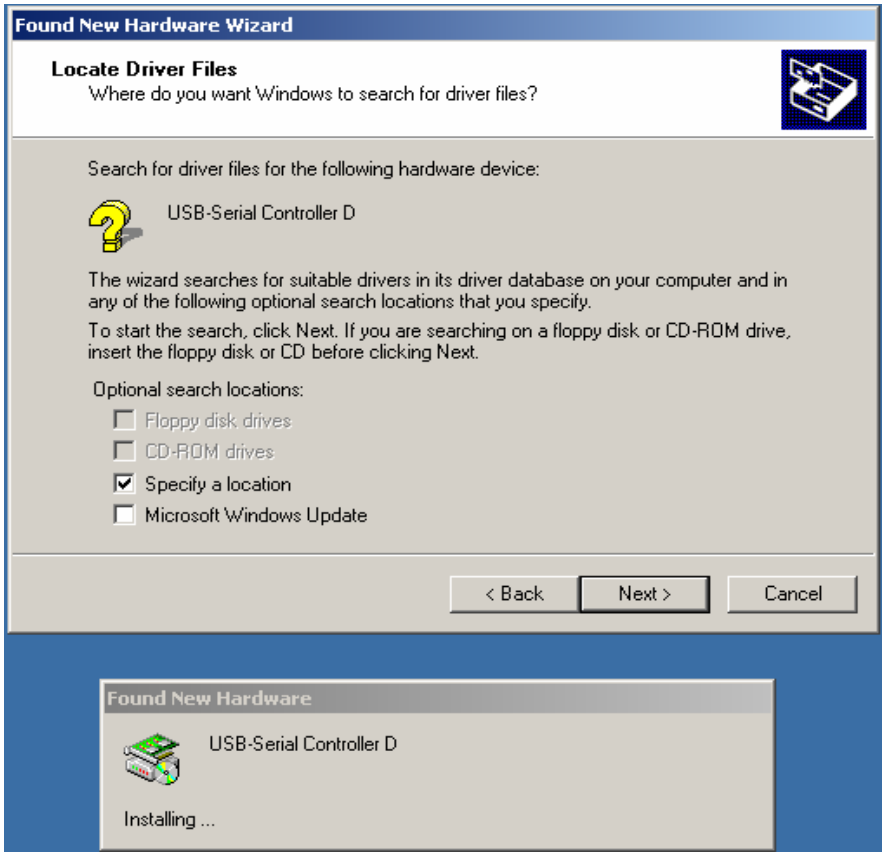


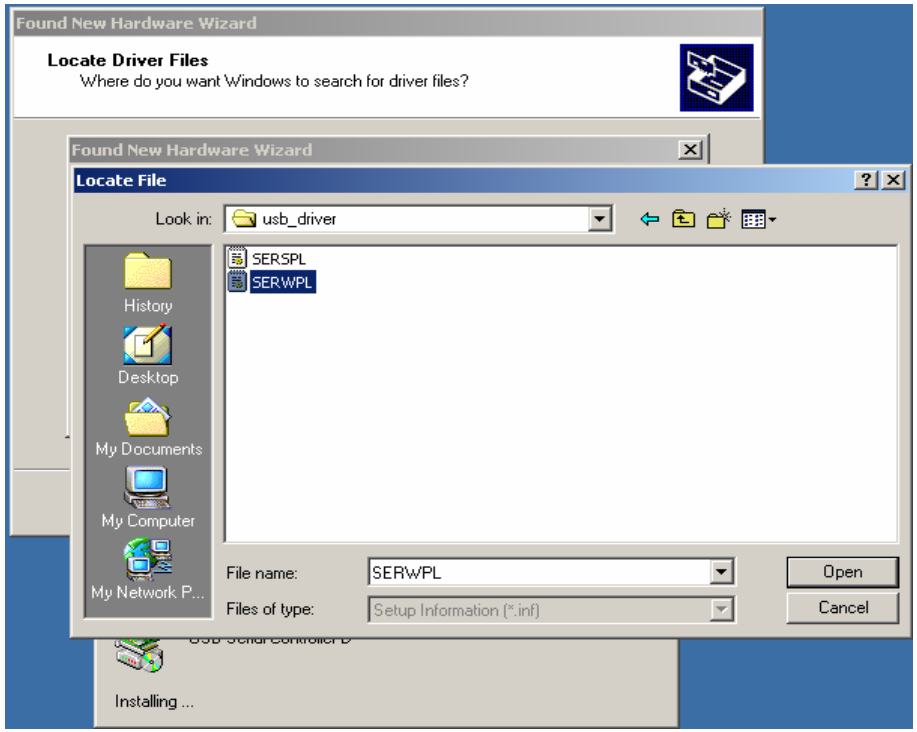


Connect USB⇔RS-485 device into PC-USB port

Install USB⇔RS-485 device driver by manually locate the driver's location

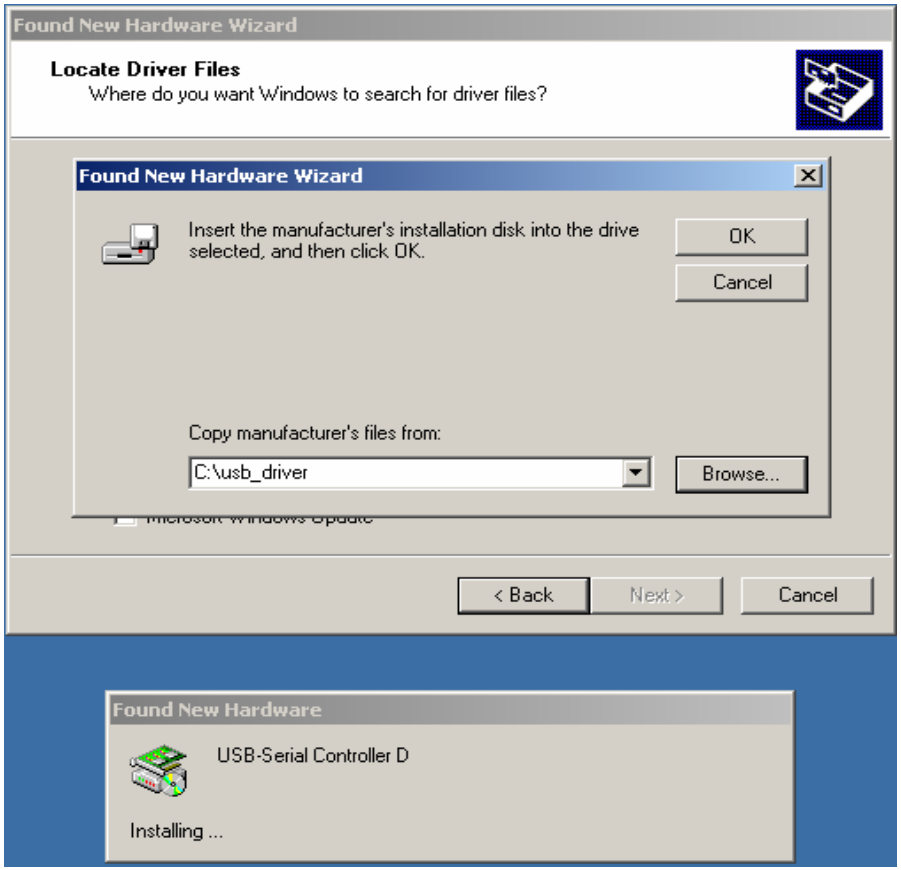
USB⇔RS-485 device installation

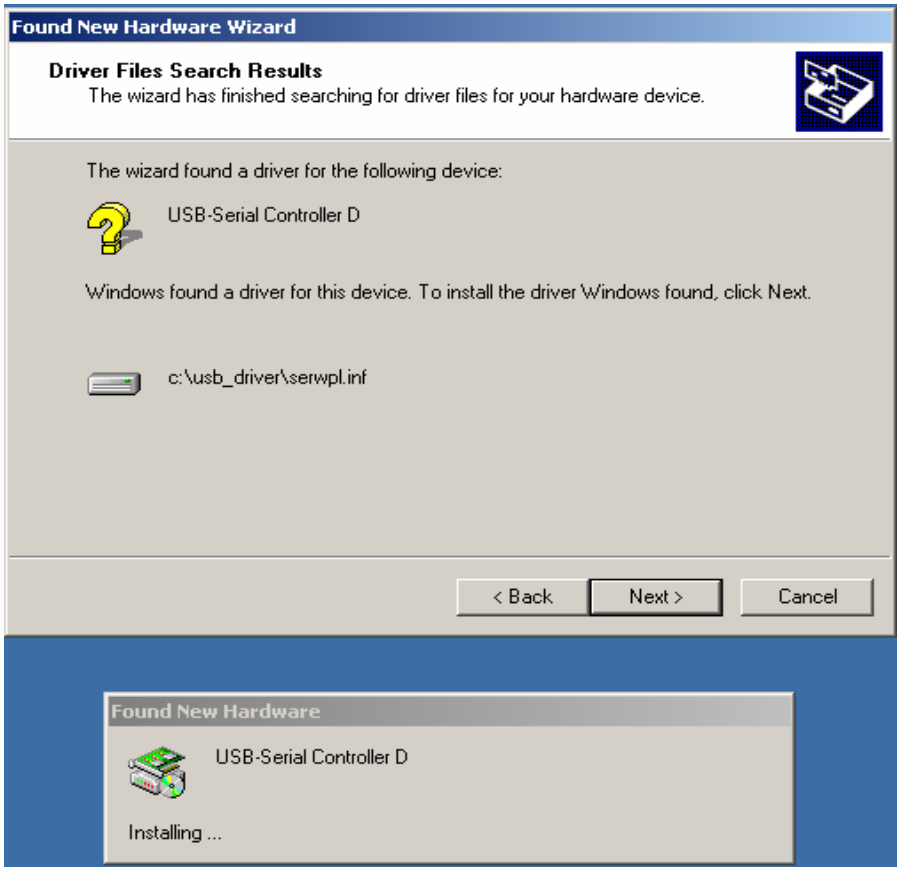




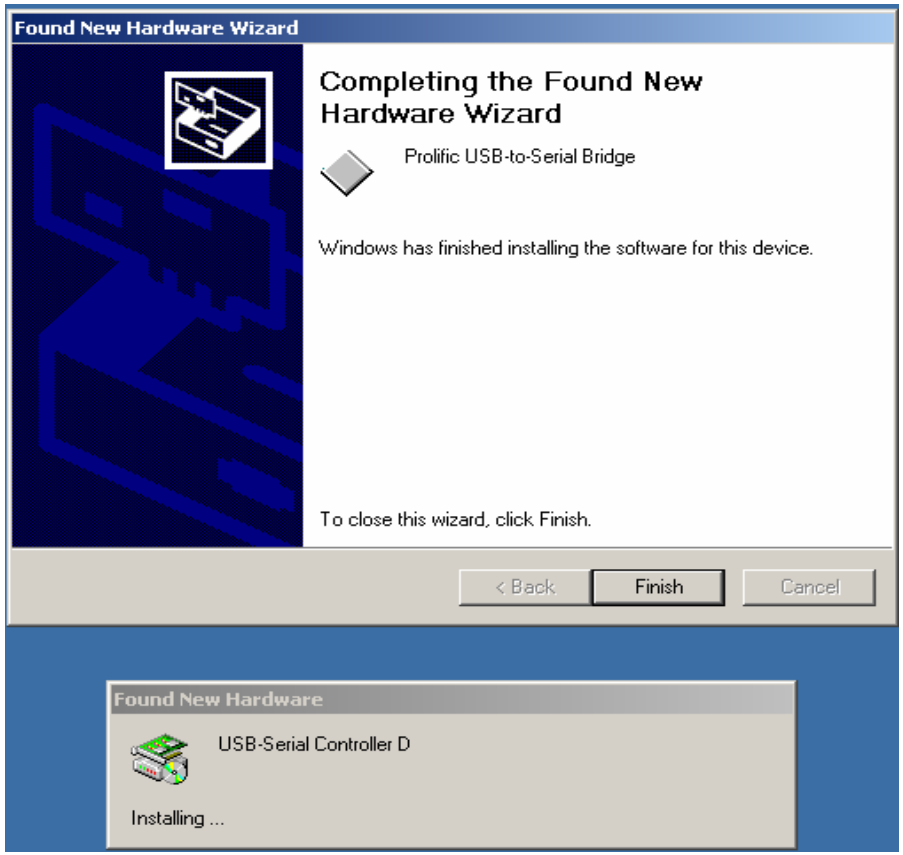
SERWPL.INF

USB⇔RS-485 device installation



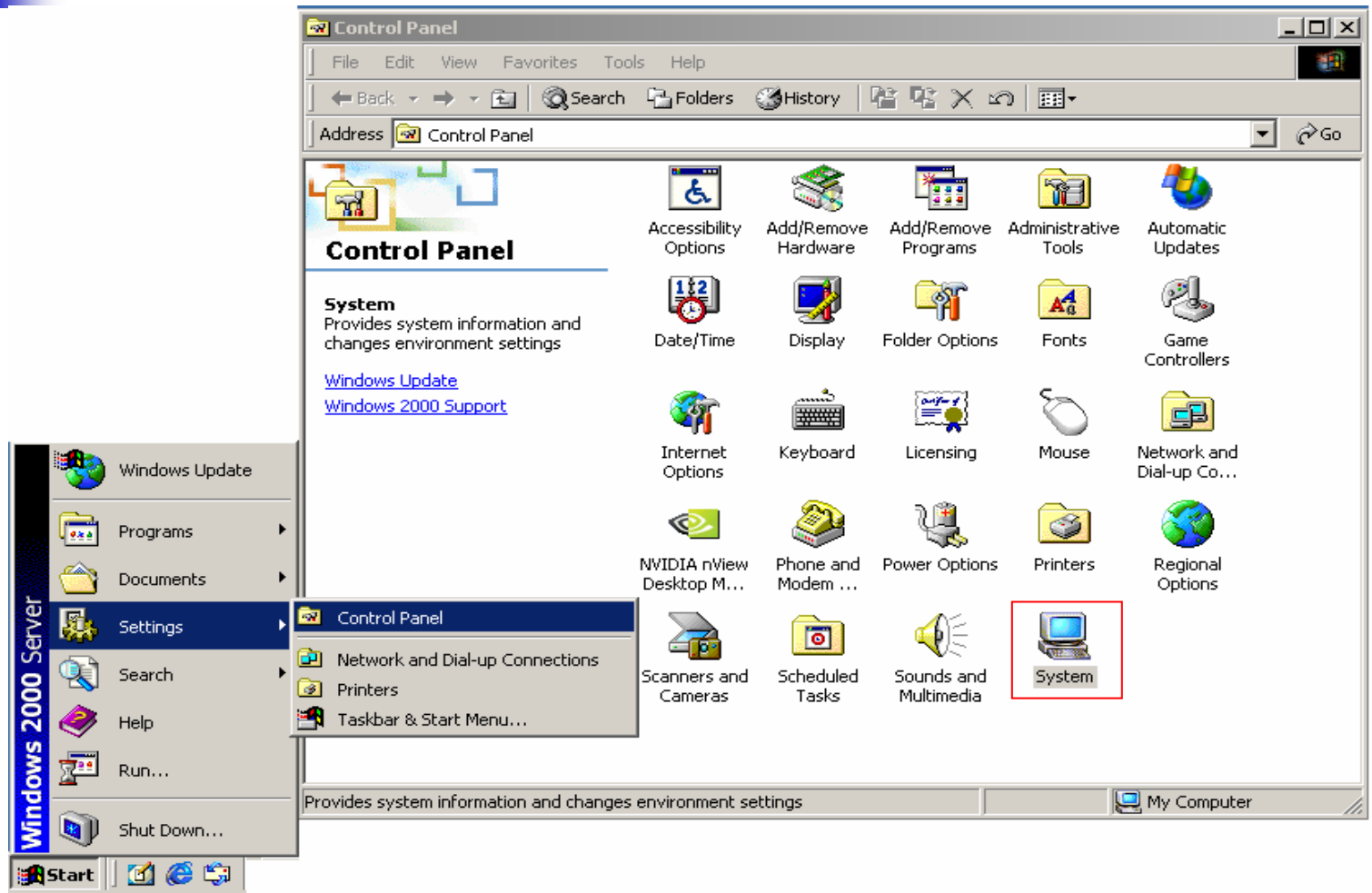


USB⇔RS-485 device installation

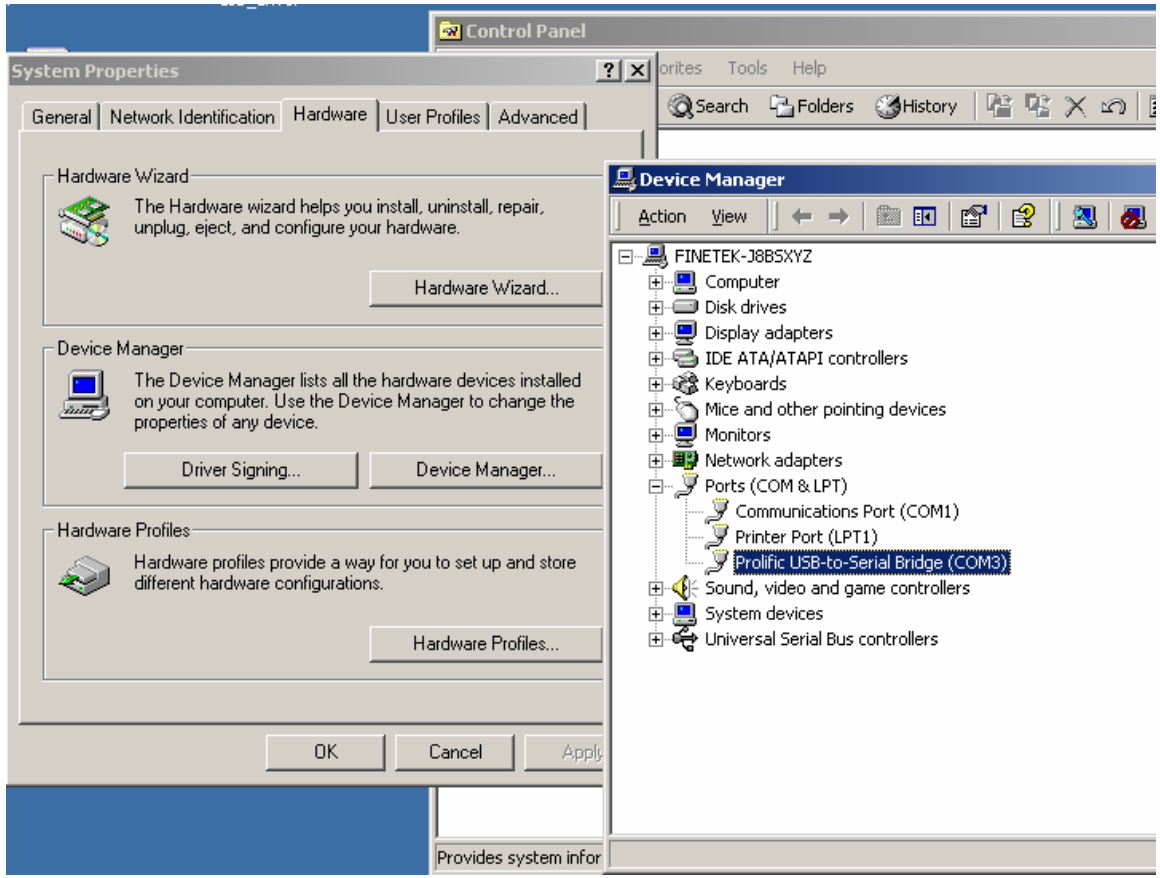


Driver install complete :
Prolific USB-to-Serial Bridge

USB⇔RS-485 device installation



USB⇔RS-485 device installation

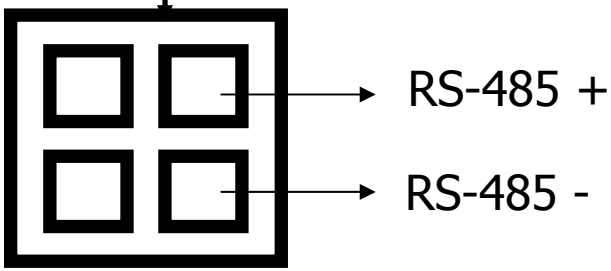


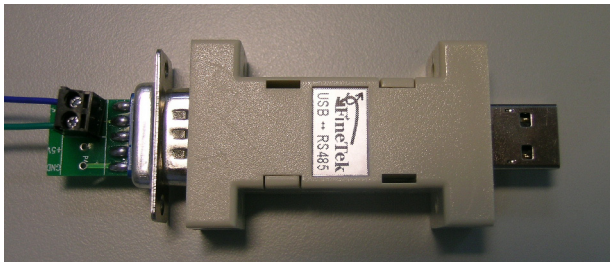
Be sure to see which com port the USB⇔RS-485 device take.

Here COM3 is used in this demonstration.

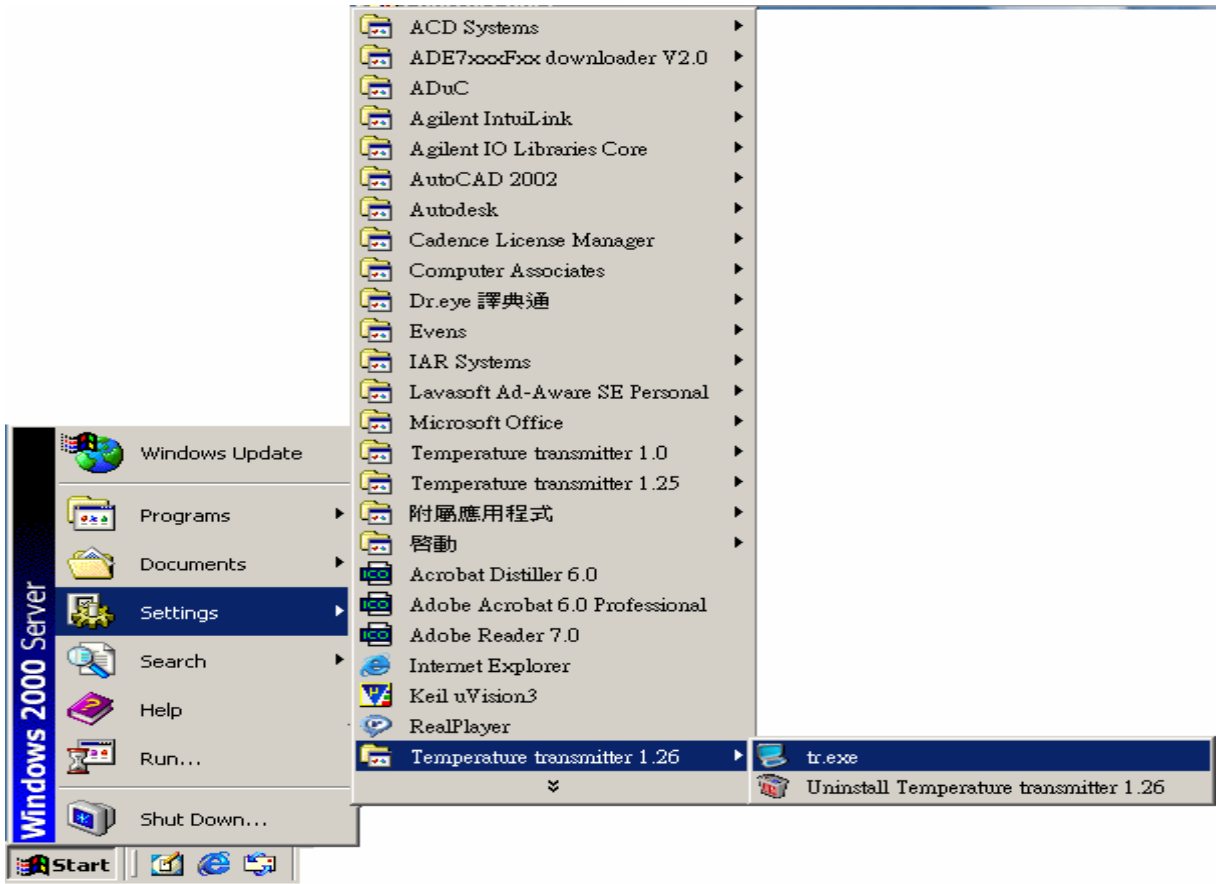
Wiring

12~32VDC power supply also need to be connected.



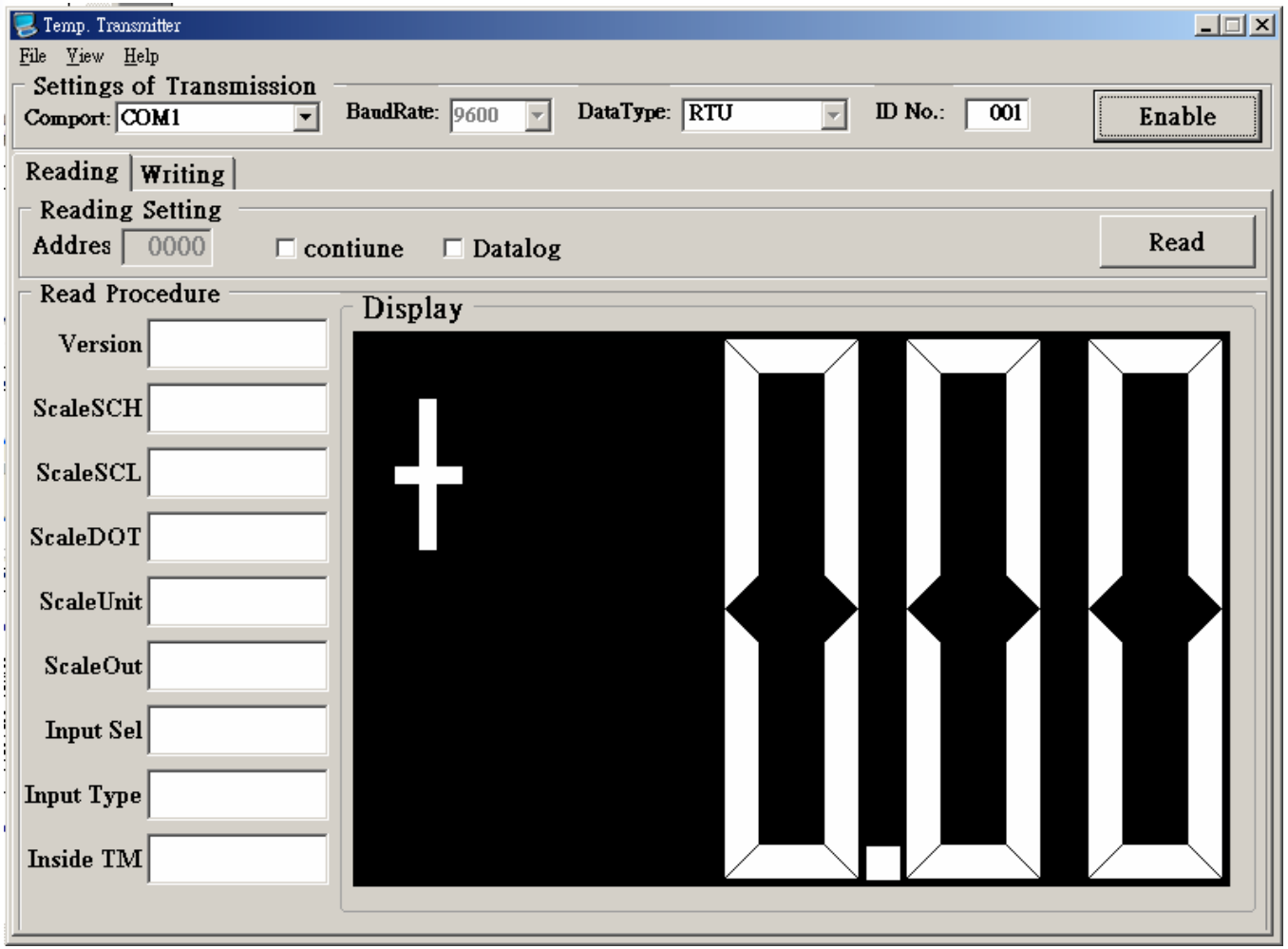


Using Software

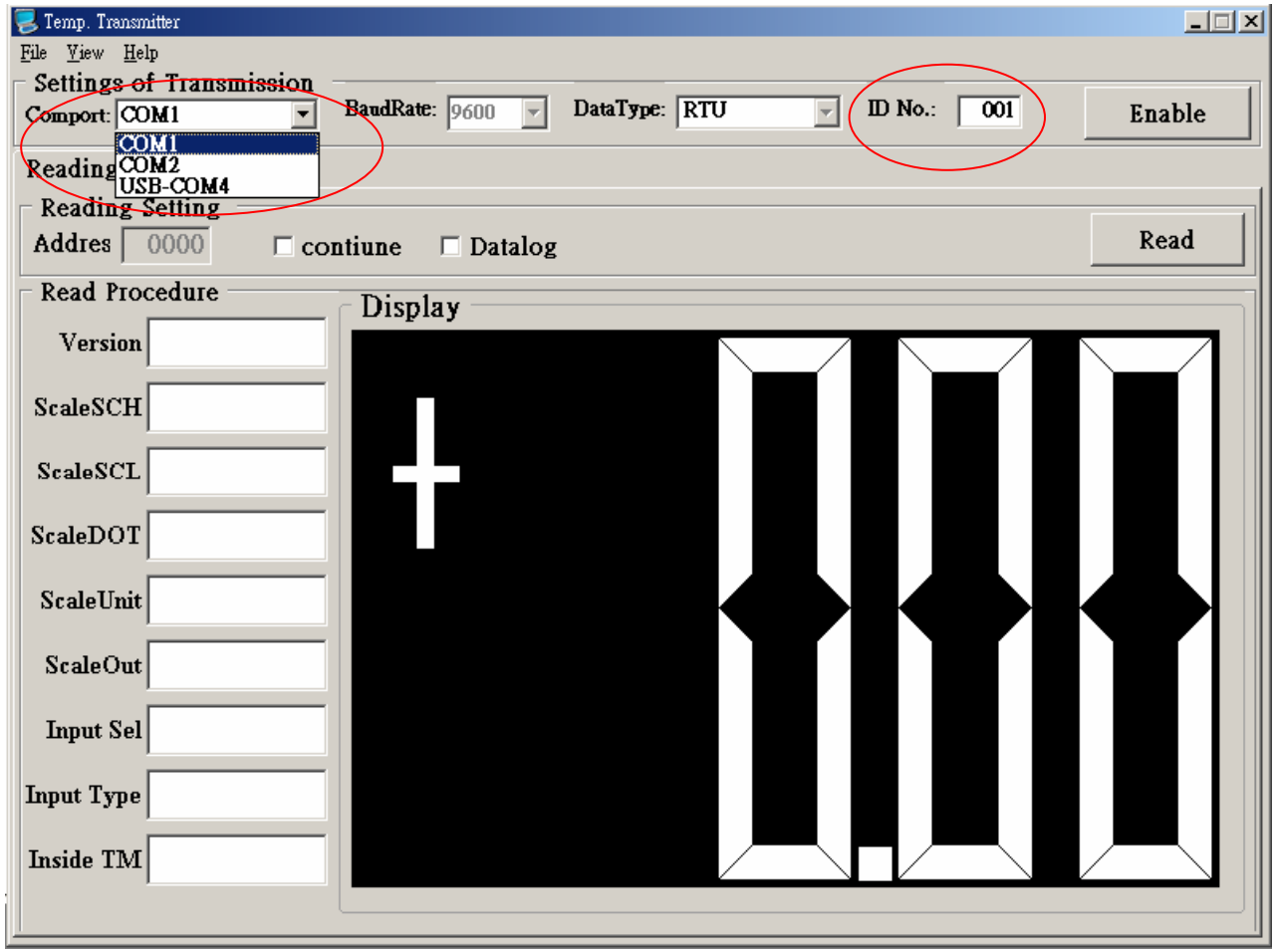


Temperature transmitter 1.26 -> tr.exe

Using Software

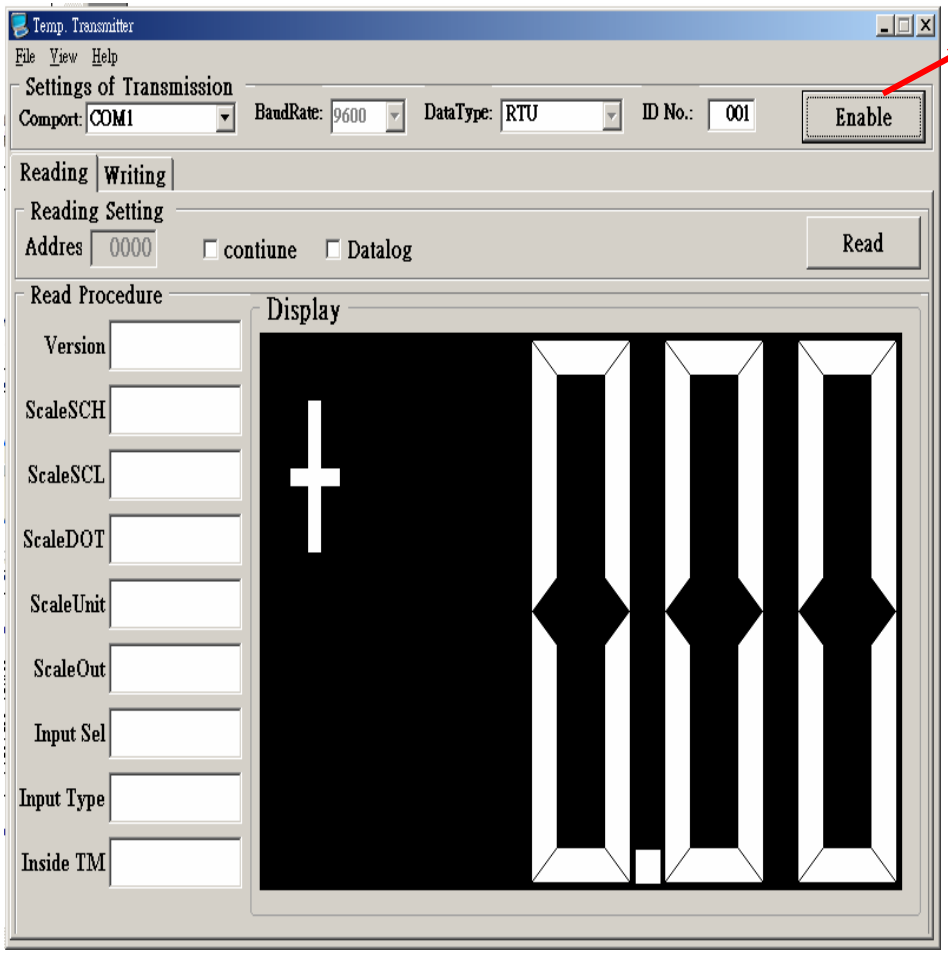


Using Software: com port setting



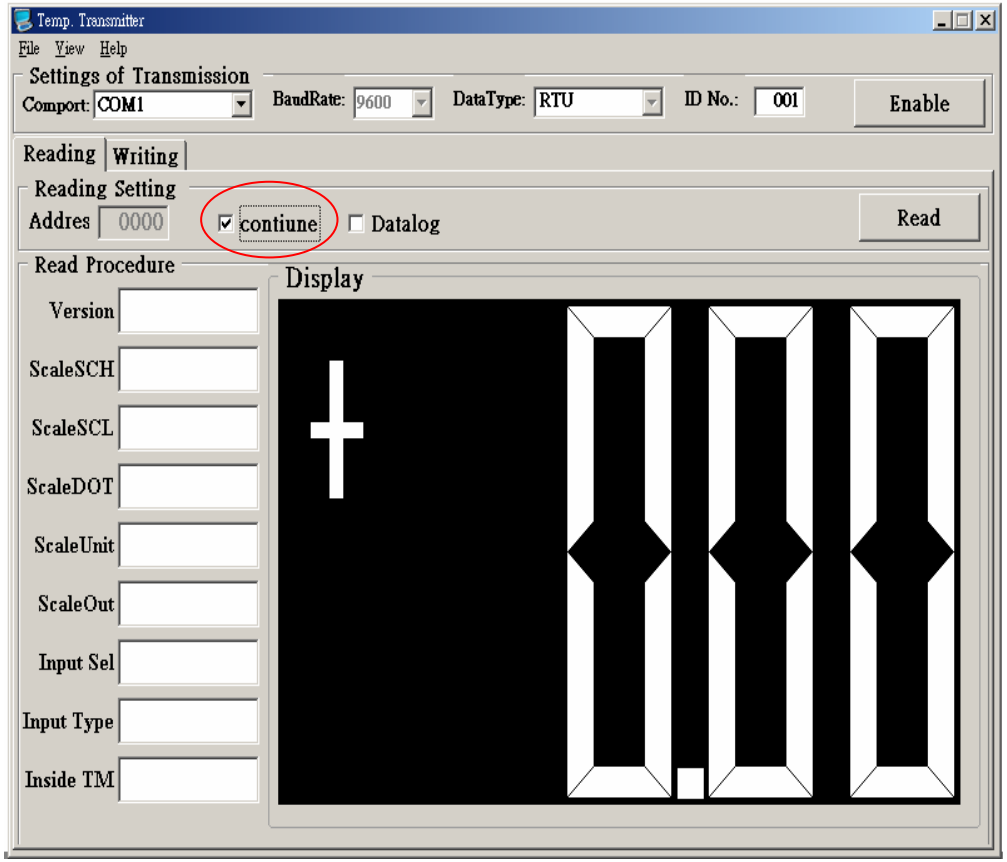
Select Comport & ID

Using Software: com port setting



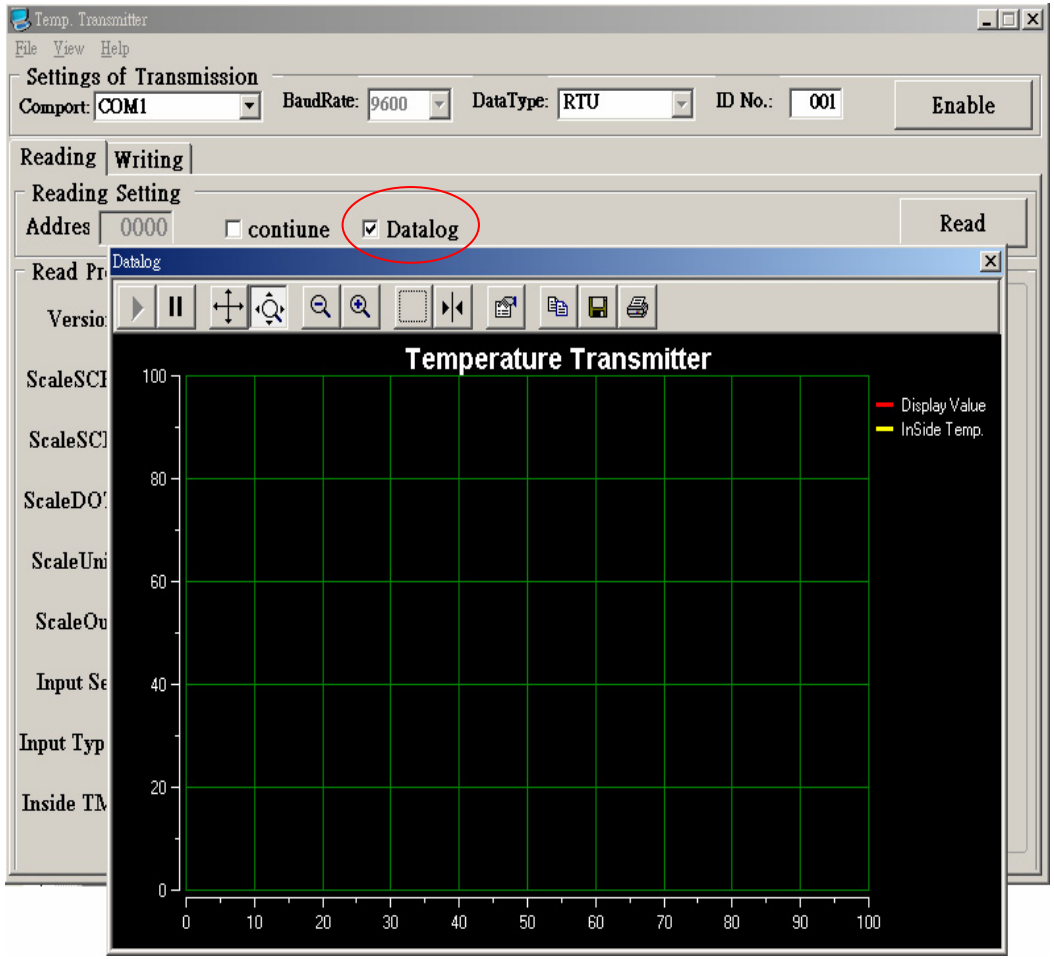
Enable the Settings of Comport、ID. No
Enable: The button "Enable" changes to "Disable"
Disable: The button "Disable" changes to "Enable" "

Using Software: Read operation



Click “continue” to checked(Pic A):
continuous to read the values of Read Procedure, otherwise it just one shot.

Using Software: Read operation



Click "Datalog" to checked(Pic B): it will apprear another window to show the curve of "Display value" & "Inside Temp."

Using Software : Parameters Description

- VerCode : Firmware version
- ScalSch : Upper scale setting
- ScalScl : Lower scale setting
- ScalDot : Decimal point setting
- ScalUnit : C, F
- ScalOut : 4-20mA, 20-4mA
- InpType : TC/RTD/DC/mA (fixed)
- InpSelect : Sensor Type/Range (fixed)
- DisplayValue: Reading Value
- INSIDE_TM_VALUE: Instrument temperature

Using Software :

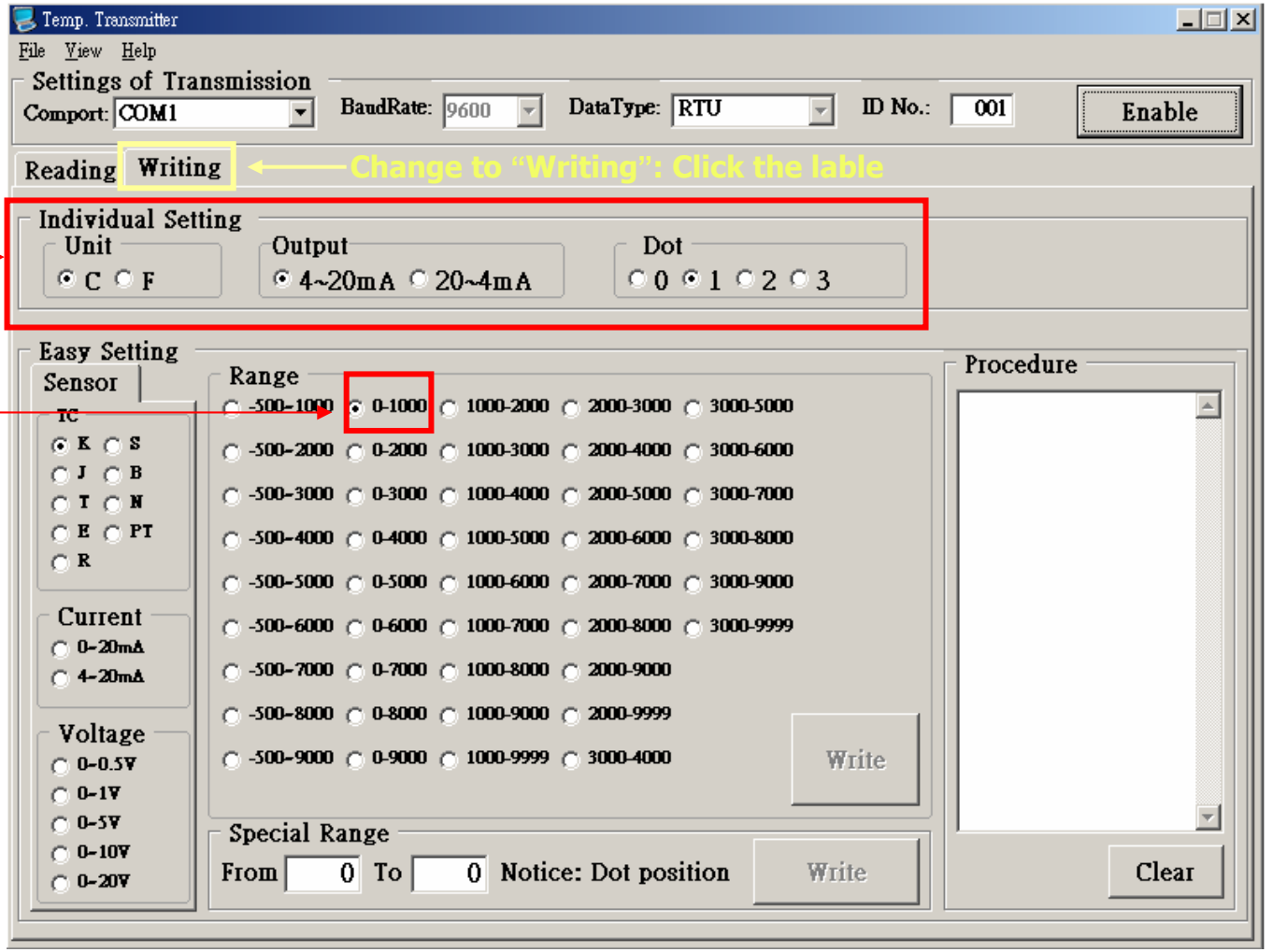
Object: 0～900°C transfer to 4～20mA

Unit : C
Out : 4-20
Dot : Dot1

SCH : 100
SCL : 0

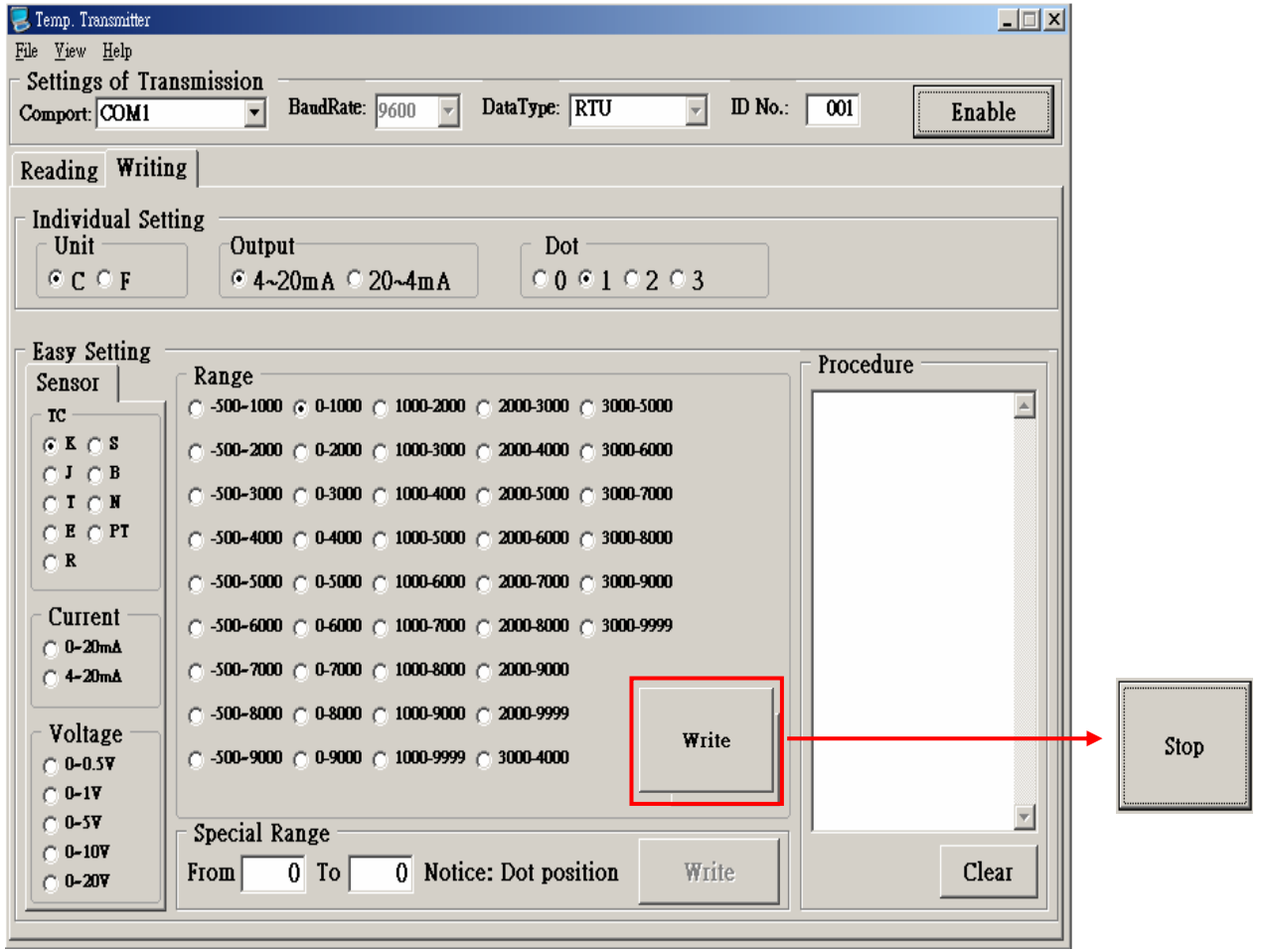
Write

Enter and Choose desired setting and Click Write button to save parameters into transmitter.



Using Software : Check after writing

This "Writing":
It will use "Click" to set the following values of Unit/Output/Dot/Sens Or(TC/Current/ Voltage)/Range
When the button is clicked, the button change "Write" to "Stop"
After finish, the button "Stop" will change to "Write"
The procedure of transmission will show in the right side of Application



Using Software : Check after writing

This "Writing":
It just set the temperature of "Spec. Range"
When the button is clicked, the button change "Write" to "Stop"
After finish, the button "Stop" will change to "Write"
The procedure of transmission will show in the right side of Application