

OPERATION MANUAL-V03

I2C Address Modifier for ESS3



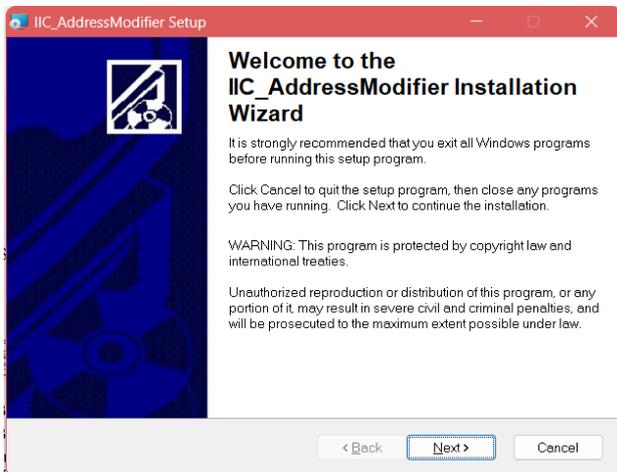
I. Software installation

1.1 Download the software zip package.

1.2 Unzip the software zip. The unzipped file is shown in below figure.

名称	修改日期	类型	大小
data	2024-04-10 11:14	CAB 文件	183 KB
DevPartDef.xml	2024-04-10 11:14	XML 文件	2 KB
install	2024-04-10 11:14	Windows Install...	1,535 KB

1.3 The software installation steps.

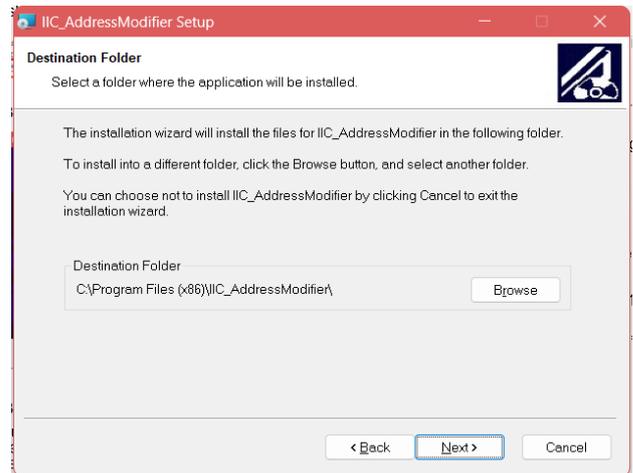


1.3.1 Modify the software installation path

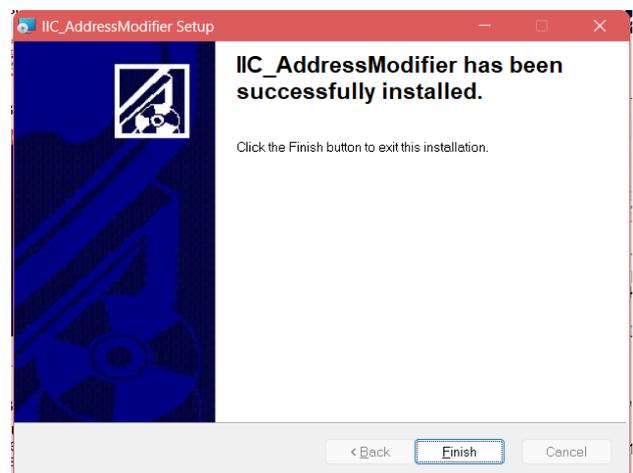
You can choose the default installation directory, or click “Browse” to choose a custom installation directory. After the modification is completed, click “Next”. As shown in figure below.

1.3.2 Waiting for the software to install.

You need to wait for the software to finish



installing, as shown in figure below. Click “Finish”.

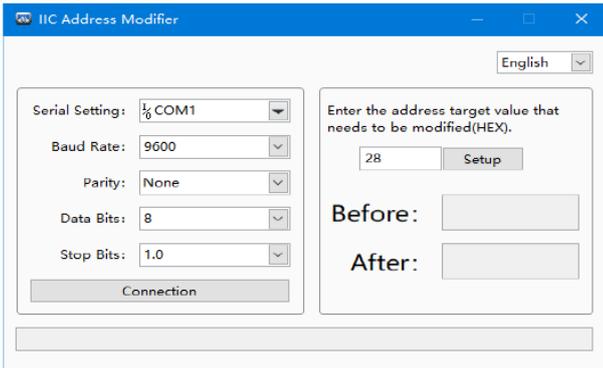


II. Operating Instructions

2.1 Introduction to the software interface.

2.1.1 The software interface.

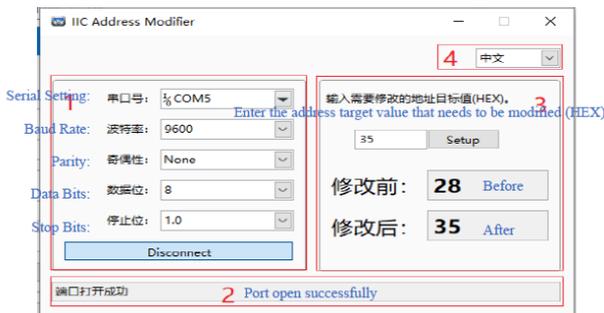
Software interface as shown in below figure, select the upper right corner can be switched to the English display interface.



2.1.2 Description of the software interface.

The software interface consists of the following 4 main parts, as shown in Figure 13.

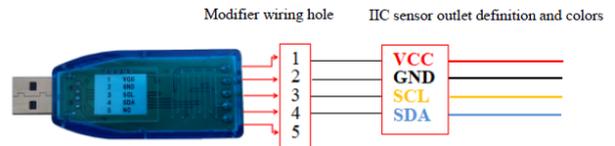
- A. Serial port selection connection, see part 1 in below figure.
- B. Serial port status indication, see part 2 in below figure.
- C. Address modification display, see part 3 in below figure.
- D. Interface language selection, see part 4 in below figure.



2.2 Modify address operation.

2.2.1 Wiring operations

1) Connect the I2C sensors according to the modifier wiring instructions. Wiring diagram is shown in below figure.



2) The modifier connects to the computer via the USB port.

2.2.2 The software operation.

The software operation procedure is as follows:

A). Open the address modification software. As shown in below figure.

Click on your computer's start menu", find software", and open.



B). Select the corresponding COM communication port.

C). Default serial communication parameters, baud rate: 9600; parity: None (none); data bits: 8; stop bits: 1; no need to modify.

D). Click the "Connection" button to open the serial port.

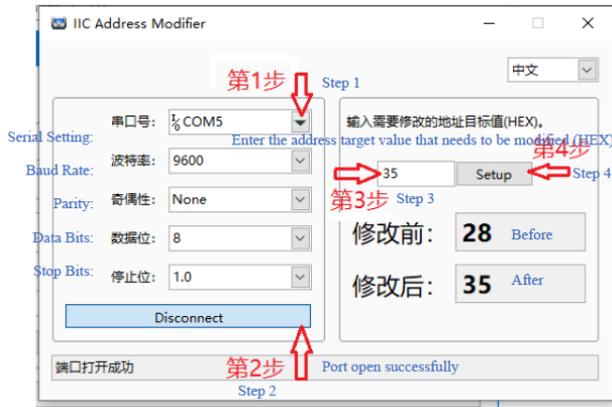
E). Check the prompt window to see if it says "Port opened successfully".

F). Enter the destination address (HEX) to be modified.

G). Click the "Setup" button.

H). Wait for the display window to show the address before and after the modification, indicating that the product address has been modified.

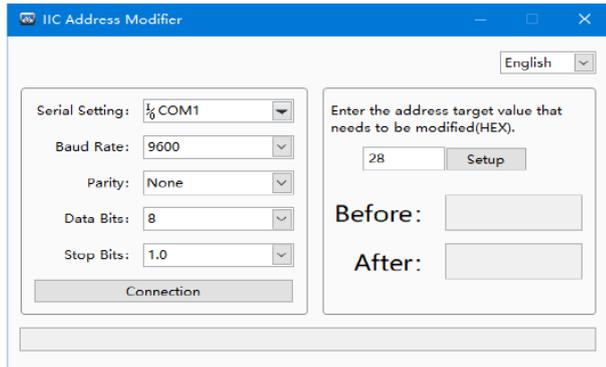
The software operation steps are shown in below figure.



Note:

This address modification software is only applicable to ESS3 Series IIC output products including ESS312-IIC, ESS319-IIC, which manufactured by Eastsensor

If any question, please feel free to contact: support@eastsensor.com



Step 1

- Serial Setting:
- Baud Rate:
- Parity:
- Data Bits:
- Stop Bits:

Step 2

- Port open successfully
- Connection/Disconnection

Step 3

- Before
- After

Step 4

- Enter the address target value that needs to be modified (HEX)